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UNITED STATES DISTRICT COURT
EASTERN DISTRICT OF WASHINGTON AT SPOKANE

WHITMAN COUNTY,

Plaintiff,

No. 2:18-cv-00252

1

COMPLAINT

JURY DEMAND

PURDUE PHARMA, L.P.; PURDUE PHARMA, INC.; THE PURDUE FREDERICK COMPANY, INC.; ENDO HEALTH SOLUTIONS INC.; ENDO PHARMACEUTICALS, INC.; JANSSEN PHARMACEUTICALS, INC.; JOHNSON & JOHNSON; TEVA PHARMACEUTICALS INDUSTRIES, LTD.; TEVA PHARMACEUTICALS USA, INC.; CEPHALON, INC.; ALLERGAN PLC f/k/a ACTAVIS PLC; ALLERGAN FINANCE, LLC f/k/a ACTAVIS, INC. f/k/a WATSON PHARMACEUTICALS, INC.; WATSON LABORATORIES, INC.; ACTAVIS LLC; ACTAVIS PHARMA, INC. f/k/a WATSON PHARMA, INC; MALLINCKRODT PLC; MALLINCKRODT, LLC; CARDINAL HEALTH, INC.; MCKESSON CORPORATION; AMERISOURCEBERGEN DRUG CORPORATION; and JOHN AND JANE DOES 1 THROUGH 100, INCLUSIVE,

Defendants.

COMPLAINT
(2:18-cv-00252)

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I. INTRODUCTION

1. The United States is experiencing the worst man-made epidemic in modern medical history—the misuse, abuse, and over-prescription of opioids.

2. Since 2000, more than 300,000 Americans have lost their lives to an opioid overdose, more than five times as many American lives as were lost in the entire Vietnam War. On any given day, 145 people will die from opioid overdoses in the United States. Drug overdoses are now the leading cause of death for Americans under age fifty.

3. The opioid crisis has become an unprecedented public health emergency nationwide. Plaintiff Whitman County, in eastern Washington State with approximately 49,000 residents, has been harmed by the crisis. Opioid abuse in Whitman County has affected Plaintiff in numerous ways, not only through the need for increased emergency medical services, but also through increased drug-related offenses affecting law enforcement, corrections, and courts, and through additional resources spent on community and social programs, including for the next generation of Whitman County residents, who are growing up in the shadow of the opioid epidemic.

4. While the County has committed considerable resources to dealing with the harm caused by Defendants, fully addressing the opioid epidemic requires that those responsible for it pay for their conduct and to abate the nuisance and harms they have created in Whitman County.

5. The opioid epidemic is no accident. On the contrary, it is the foreseeable consequence of Defendants' reckless promotion and distribution of potent opioids for chronic pain while deliberately downplaying the significant risks of addiction and overdose.

6. Defendant Purdue set the stage for the opioid epidemic, through the production and promotion of its blockbuster drug, OxyContin. Purdue introduced a drug with a narcotic payload many times higher than that of previous prescription painkillers, while executing a sophisticated, multi-pronged marketing campaign to change prescribers' perception of the risk of opioid addiction and to portray opioids as effective treatment for chronic pain. Purdue pushed its

1 message of opioids as a low-risk panacea on doctors and the public through every available
 2 avenue, including through direct marketing, front groups, key opinion leaders, unbranded
 3 advertising, and hundreds of sales representatives who visited doctors and clinics on a regular
 4 basis.

5 7. As sales of OxyContin and Purdue's profits surged, Defendants Endo, Janssen,
 6 Cephalon, Actavis, and Mallinckrodt—as explained in further detail below—added additional
 7 prescription opioids, aggressive sales tactics, and dubious marketing claims of their own to the
 8 deepening crisis. They paid hundreds of millions of dollars to market and promote the drugs,
 9 notwithstanding their dangers, and pushed bought-and-paid-for “science” supporting the safety
 10 and efficacy of opioids that lacked any basis in fact or reality. Obscured from the marketing was
 11 the fact that prescription opioids are not much different than heroin—indeed on a molecular
 12 level, they are virtually indistinguishable.

13 8. The opioid epidemic simply could not have become the crisis it is today without
 14 an enormous supply of pills. Defendants McKesson, Cardinal Health, and AmerisourceBergen
 15 raked in huge profits from the distribution of opioids around the United States. These companies
 16 knew precisely the quantities of potent narcotics they were delivering to communities across the
 17 country, including Whitman County. Yet not only did these Defendants intentionally disregard
 18 their monitoring and reporting obligations under federal law, they also actively sought to evade
 19 restrictions and obtain higher quotas to enable the distribution of even larger shipments of
 20 opioids.

21 9. Defendants' efforts were remarkably successful: since the mid-1990s, opioids
 22 have become the most prescribed class of drugs in America. Between 1991 and 2011, opioid
 23 prescriptions in the U.S. tripled from 76 million to 219 million per year.¹ In 2013, health care

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 25 1 Nora D. Volkow, MD, *America's Addiction to Opioids: Heroin and Prescription Drug Abuse*, Appearing before
 26 the Senate Caucus on International Narcotics Control, NIH Nat'l Inst. on Drug Abuse (May 14, 2014),
<https://www.drugabuse.gov/about-nida/legislative-activities/testimony-to-congress/2016/americas-addiction-to-opioids-heroin-prescription-drug-abuse>.

1 providers wrote more than 249 million prescriptions for opioid pain medication, enough for
 2 every adult in the United States to have more than one bottle of pills.² In terms of annual sales,
 3 the increase has been ten-fold; before the FDA approved OxyContin in 1995, annual opioid sales
 4 hovered around \$1 billion. By 2015, they increased to almost \$10 billion. By 2020, revenues are
 5 projected to grow to \$18 billion.³

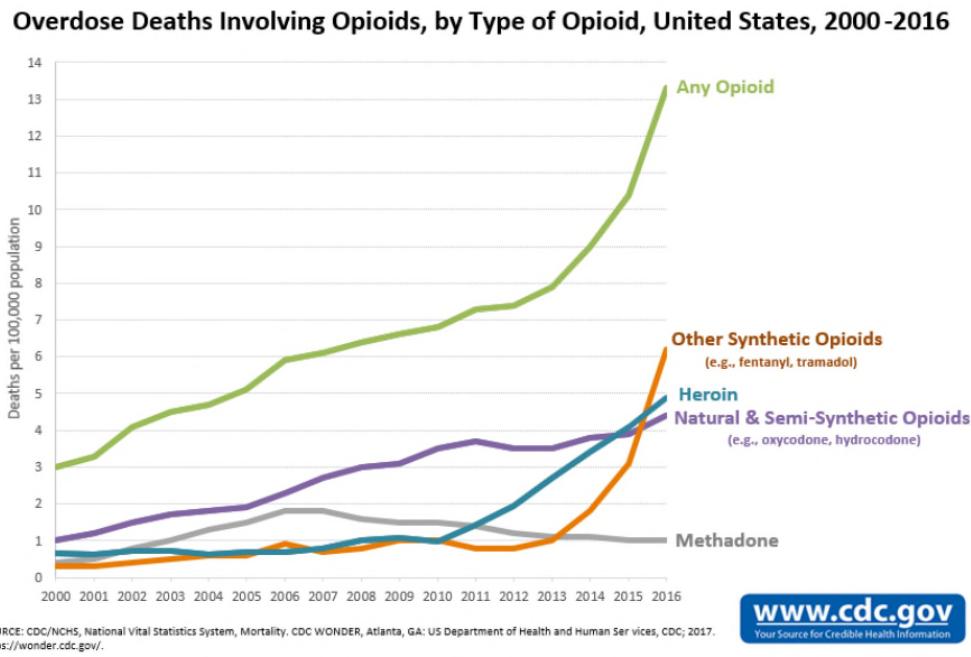
6 10. But Defendants' profits have come at a steep price. Opioids are now the leading
 7 cause of accidental death in the U.S., surpassing deaths caused by car accidents. Opioid overdose
 8 deaths (which include prescription opioids as well as heroin) have risen steadily every year, from
 9 approximately 8,048 in 1999, to 20,422 in 2009, to over 33,091 in 2015. In 2016, that toll
 10 climbed to 42,249.⁴ As shown in the graph below, the recent surge in opioid-related deaths
 11 involves prescription opioids, heroin, and other synthetic opioids. Nearly half of all opioid
 12 overdose deaths involve a prescription opioid like those manufactured by Defendants,⁵ and the
 13 increase in overdoses from non-prescription opioids is directly attributable to Defendants'
 14 success in expanding the market for opioids of any kind.

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 21
 22 ² *CDC Guideline for Prescribing Opioids for Chronic Pain*, Ctrs. for Disease Control and Prevention,
https://www.cdc.gov/drugoverdose/pdf/guidelines_at-a-glance-a.pdf (last visited August 9, 2018).

23 ³ *Report: Opioid pain sales to hit \$18.4B in the U.S. by 2020*, CenterWatch (July 17, 2017),
<https://www.centerwatch.com/news-online/2017/07/17/report-opioid-pain-sales-hit-18-4b-u-s-2020/#more-31534>.

24 ⁴ *Overdose Death Rates*, NIH Nat'l Inst. on Drug Abuse, <https://www.drugabuse.gov/related-topics/trends-statistics/overdose-death-rates> (revised Sept. 2017); *Drug Overdose Death Data*, Ctrs. for Disease Control and Prevention, <https://www.cdc.gov/drugoverdose/data/statedeaths.html> (last updated Dec. 19, 2017).

25 ⁵ *Understanding the Epidemic*, Ctrs. for Disease Control and Prevention,
<https://www.cdc.gov/drugoverdose/epidemic/index.html> (last updated Aug. 30, 2017).



11. To put these numbers in perspective: in 1970, when a heroin epidemic swept the U.S., there were fewer than 3,000 heroin overdose deaths. And in 1988, around the height of the crack epidemic, there were fewer than 5,000 crack overdose deaths recorded. In 2005, at its peak, methamphetamine was involved in approximately 4,500 deaths.

12. Beyond the human cost, the CDC recently estimated that the total economic burden of prescription opioid abuse costs the United States \$78.5 billion per year, which includes increased costs for health care and addiction treatment, increased strains on human services and criminal justice systems, and substantial losses in workforce productivity.⁶

13. But even these estimates are conservative. The Council of Economic Advisers—the primary advisor to the Executive Office of the President—recently issued a report estimating that “in 2015, the economic cost of the opioid crisis was \$504.0 billion, or 2.8% of GDP that year. This is over six times larger than the most recently estimated economic cost of the

⁶ *CDC Foundation’s New Business Pulse Focuses on Opioid Overdose Epidemic*, Ctrs. for Disease Control and Prevention (Mar. 15, 2017), <https://www.cdc.gov/media/releases/2017/a0315-business-pulse-opioids.html>.

1 epidemic.”⁷ Whatever the final tally, there is no doubt that this crisis has had a profound
 2 economic impact.

3 14. Defendants orchestrated this crisis. Despite knowing about the true hazards of
 4 their products, Defendants misleadingly advertised their opioids as safe and effective for treating
 5 chronic pain and pushed hundreds of millions of pills into the marketplace for consumption.
 6 Through their sophisticated and well-orchestrated campaign, Defendants touted the purported
 7 benefits of opioids to treat pain and downplayed the risks of addiction. Moreover, even as the
 8 deadly toll of prescription opioid use became apparent to Defendants in years following
 9 OxyContin’s launch, Defendants persisted in aggressively selling and distributing prescription
 10 opioids, while evading their monitoring and reporting obligations, so that massive quantities of
 11 addictive opioids continued to pour into Whitman County and other communities around the
 12 United States.

13 15. Defendants consistently, deliberately, and recklessly made and continue to make
 14 false and misleading statements regarding, among other things, the low risk of addiction to
 15 opioids, opioids’ efficacy for chronic pain and ability to improve patients’ quality of life with
 16 long-term use, the lack of risk associated with higher dosages of opioids, the need to prescribe
 17 more opioids to treat withdrawal symptoms, and that risk-mitigation strategies and abuse-
 18 deterrent technologies allow doctors to safely prescribe opioids.

19 16. Because of Defendants’ misconduct, Whitman County is experiencing harm to the
 20 public’s health and has suffered significant economic damages, including but not limited to
 21 increased costs related to public health, opioid-related crimes and emergencies, criminal justice,
 22 and public safety. Whitman County has incurred substantial costs in responding to the opioid
 23 epidemic and will continue to do so in the future.

24
 25 7 *The Underestimated Cost of the Opioid Crisis*, The Council of Econ. Advisers (Nov. 2017),
 26 <https://static.politico.com/1d/33/4822776641cfbac67f9bc7dbd9c8/the-underestimated-cost-of-the-opioid-crisis-embargoed.pdf>.

17. Accordingly, Whitman County brings this action to hold Defendants liable for their misrepresentations regarding the benefits and risks of opioids, as well as for their failure to monitor, detect, investigate, and report suspicious orders of prescription opioids. This conduct (i) violates the Washington Consumer Protection Act, RCW 19.86 *et seq.*, (ii) constitutes a public nuisance under Washington law, (iii) constitutes negligence and gross negligence under Washington law, (iv) has unjustly enriched Defendants, and (v) violates the Racketeer Influenced and Corrupt Organizations Act (“RICO”), 18 U.S.C. §1961, *et seq.*

II. PARTIES

Whitman County

18. Plaintiff Whitman County (“Plaintiff” or “Whitman County” or “County”) is a Washington County organized and existing under the laws of the State of Washington, RCW 36.01 *et seq.*

Purdue

19. Defendant Purdue Pharma, L.P. is a limited partnership organized under the laws of Delaware. Defendant Purdue Pharma, Inc. is a New York corporation with its principal place of business in Stamford, Connecticut. Defendant The Purdue Frederick Company is a Delaware corporation with its principal place of business in Stamford, Connecticut. Collectively, these entities are referred to as "Purdue."

20. Each Purdue entity acted in concert with one another and acted as agents and/or principals of one another in connection with the conduct described herein.

21. Purdue manufactures, promotes, sells, markets, and distributes opioids such as OxyContin, MS Contin, Dilaudid/Dilaudid HP, Butrans, Hysingla ER, and Targiniq ER.

22. Purdue generates substantial sales revenue from its opioids. For example, OxyContin is Purdue's best-selling opioid, and since 2009, Purdue has generated between \$2 and \$3 billion annually in sales of OxyContin alone.

1 **Endo**

2 23. Defendant Endo Pharmaceuticals, Inc. is a wholly owned subsidiary of Defendant
3 Endo Health Solutions Inc. Both are Delaware corporations with their principal place of business
4 in Malvern, Pennsylvania. Collectively, these entities are referred to as “Endo.”

5 24. Each Endo entity acted in concert with one another and acted as agents and/or
6 principals of one another in connection with the conduct described herein.

7 25. Endo manufactures, promotes, sells, markets, and distributes opioids such as
8 Percocet, Opana, and Opana ER.

9 26. Endo generates substantial sales from its opioids. For example, opioids accounted
10 for more than \$400 million of Endo’s overall revenues of \$3 billion in 2012, and Opana ER
11 generated more than \$1 billion in revenue for Endo in 2010 and 2013.

12 **Janssen and Johnson & Johnson**

13 27. Defendant Janssen Pharmaceuticals, Inc. is a Pennsylvania corporation with its
14 principal place of business in Titusville, New Jersey, and is a wholly owned subsidiary of
15 Defendant Johnson & Johnson, a New Jersey corporation with its principal place of business in
16 New Brunswick, New Jersey. Collectively, these entities are referred to as “Janssen.”

17 28. Both entities above acted in concert with one another and acted as agents and/or
18 principals of one another in connection with the conduct described herein.

19 29. Johnson & Johnson is the only company that owns more than 10% of Janssen
20 Pharmaceuticals, Inc., and corresponds with the FDA regarding the drugs manufactured by
21 Janssen Pharmaceuticals, Inc. Johnson & Johnson also paid prescribers to speak about opioids
22 manufactured by Janssen Pharmaceuticals, Inc. In short, Johnson & Johnson controls the sale and
23 development of the drugs manufactured by Janssen Pharmaceuticals, Inc.

24 30. Janssen manufactures, promotes, sells, markets, and distributes opioids such as
25 Duragesic, Nucynta, and Nucynta ER. Janssen stopped manufacturing Nucynta and Nucynta ER
26 in 2015.

1 31. Janssen generates substantial sales revenue from its opioids. For example,
 2 Duragesic accounted for more than \$1 billion in sales in 2009, and Nucynta and Nucynta ER
 3 accounted for \$172 million in sales in 2014.

4 **Cephalon and Teva**

5 32. Defendant Cephalon, Inc. (“Cephalon”) is a Delaware corporation with its
 6 principal place of business in Frazer, Pennsylvania. Defendant Teva Pharmaceutical Industries,
 7 Ltd. (“Teva Ltd.”) is an Israeli corporation with its principal place of business in Petah Tikva,
 8 Israel. In 2011, Teva Ltd. acquired Cephalon. Defendant Teva Pharmaceuticals USA, Inc. (“Teva
 9 USA”) is a Delaware corporation and a wholly owned subsidiary of Teva Ltd. in Pennsylvania.
 10 Teva USA acquired Cephalon in October 2011.

11 33. Cephalon manufactures, promotes, sells, and distributes opioids, including Actiq
 12 and Fentora, in the United States.

13 34. Teva Ltd., Teva USA, and Cephalon work together closely to market and sell
 14 Cephalon products in the United States. Teva Ltd. conducts all sales and marketing activities for
 15 Cephalon in the United States through Teva USA and has done so since its October 2011
 16 acquisition of Cephalon. Teva Ltd. and Teva USA hold out Actiq and Fentora as Teva products
 17 to the public. Teva USA sells all former Cephalon-branded products through its “specialty
 18 medicines” division. The FDA-approved prescribing information and medication guide, which
 19 are distributed with Cephalon opioids, disclose that the guide was submitted by Teva USA, and
 20 directs physicians to contact Teva USA to report adverse events.

21 35. All of Cephalon’s promotional websites, including those for Actiq and Fentora,
 22 display Teva Ltd.’s logo.⁸ Teva Ltd.’s financial reports list Cephalon’s and Teva USA’s sales as
 23 its own, and its year-end report for 2012—the year following the Cephalon acquisition in
 24 October 2011—attributed a 22% increase in its specialty medicine sales to “the inclusion of a

25
 26 ⁸ Actiq, <http://www.actiq.com/> (last visited August 9, 2018).

1 full year of Cephalon's specialty sales," including sales of Fentora.⁹ Through interrelated
 2 operations like these, Teva Ltd. operates in the United States through its subsidiaries Cephalon
 3 and Teva USA. The United States is the largest of Teva Ltd.'s global markets, representing 53%
 4 of its global revenue in 2015, and, were it not for the existence of Teva USA and Cephalon, Teva
 5 Ltd. would conduct those companies' business in the United States itself.

6 36. Upon information and belief, Teva Ltd. directs the business practices of Cephalon
 7 and Teva USA, and their profits inure to the benefit of Teva Ltd. as controlling shareholder.
 8 Collectively, these entities are referred to as "Cephalon."

9 **Allergan, Actavis, and Watson**

10 37. Defendant Allergan plc is a public limited company incorporated in Ireland with
 11 its principal place of business in Dublin, Ireland. Actavis plc acquired Allergan, Inc. in March
 12 2015, and the combined company changed its name to Allergan plc in June 2015. Actavis plc
 13 (formerly known as Actavis Limited) was incorporated in Ireland in May 2013 for the merger
 14 between Actavis, Inc. and Warner Chilcott plc.

15 38. Defendant Watson Pharmaceuticals, Inc. acquired Actavis Group in October 2012
 16 and changed its name to Actavis, Inc. as of January 2013.

17 39. Defendant Allergan Finance, LLC (formerly known as Actavis, Inc.) is based in
 18 Parsippany, New Jersey. It operates as a subsidiary of Allergan plc.

19 40. Defendant Watson Laboratories, Inc. is a Nevada corporation with its principal
 20 place of business in Corona, California, and is a wholly owned subsidiary of Allergan plc (f/k/a
 21 Actavis, Inc., f/k/a Watson Pharmaceuticals, Inc.).

22 41. Defendant Actavis Pharma, Inc. is registered to do business with the Washington
 23 Secretary of State as a Delaware corporation with its principal place of business in New Jersey
 24 and was formerly known as Watson Pharma, Inc.

25
 26 ⁹ *Teva Pharm. Indus. Ltd. Form 20-F*, U.S. Sec. and Exchange Commission (Feb. 12, 2013),
http://annualreports.com/HostedData/AnnualReportArchive/t/NASDAQ_TEVA_2012.pdf.

1 42. Defendant Actavis LLC is a Delaware limited liability company with its principal
 2 place of business in Parsippany, New Jersey.

3 43. Each of these defendants and entities is owned by Defendant Allergan plc, which
 4 uses them to market and sell its drugs in the United States. Upon information and belief,
 5 Defendant Allergan plc exercises control over these marketing and sales efforts and profits from
 6 the sale of Allergan/Actavis/Watson products ultimately inure to its benefit. Collectively, these
 7 defendants and entities are referred to as "Actavis."

8 44. Actavis manufactures, promotes, sells, and distributes opioids, including the
 9 branded drugs Kadian and Norco and generic versions of Kadian, Duragesic, and Opana in the
 10 United States. Actavis acquired the rights to Kadian from King Pharmaceuticals, Inc. on
 11 December 30, 2008, and began marketing Kadian in 2009.

12 **Mallinckrodt**

13 45. Defendant Mallinckrodt plc is an Irish public limited company headquartered in
 14 Staines-upon-Thames, United Kingdom, with its U.S. headquarters in St. Louis, Missouri.
 15 Mallinckrodt plc was incorporated in January 2013 for the purpose of holding the
 16 pharmaceuticals business of Covidien plc, which was fully transferred to Mallinckrodt in June of
 17 that year. Mallinckrodt began as a U.S.-based company, with the founding of Mallinckrodt &
 18 Co. in 1867; Tyco International Ltd. acquired the company in 2000. In 2008, Tyco Healthcare
 19 Group separated from Tyco International and renamed itself Covidien.

20 46. Defendant Mallinckrodt, LLC is a limited liability company organized and
 21 existing under the laws of the State of Delaware and licensed to do business in Washington.
 22 Mallinckrodt, LLC is a wholly owned subsidiary of Mallinckrodt plc. Mallinckrodt plc and
 23 Mallinckrodt, LLC are referred to as "Mallinckrodt."

24 47. Mallinckrodt manufactures, markets, and sells drugs in the United States. As of
 25 2012, it was the largest U.S. supplier of opioid pain medications. In particular, it is one of the
 26 largest manufacturers of oxycodone in the U.S.

1 48. Mallinckrodt currently manufactures and markets two branded opioids: Exalgo,
 2 which is extended-release hydromorphone, sold in 8, 12, 16, and 32 mg dosage strengths, and
 3 Roxicodone, which is oxycodone, sold in 15 and 30 mg dosage strengths. In addition,
 4 Mallinckrodt previously developed, promoted, and sold the following branded opioid products:
 5 Magnacet, TussiCaps, and Xartemis XR.

6 49. While it has sought to develop its branded opioid products, Mallinckrodt has long
 7 been a leading manufacturer of generic opioids. Mallinckrodt estimated that in 2015 it received
 8 approximately 25% of the U.S. Drug Enforcement Administration's ("DEA") entire annual quota
 9 for controlled substances that it manufactures. Mallinckrodt also estimated, based on IMS Health
 10 data for the same period, that its generics claimed an approximately 23% market share of DEA
 11 Schedules II and III opioid and oral solid dose medications.

12 50. Mallinckrodt operates a vertically integrated business in the United States: (1)
 13 importing raw opioid materials, (2) manufacturing generic opioid products, primarily at its
 14 facility in Hobart, New York, and (3) marketing and selling its products to drug distributors,
 15 specialty pharmaceutical distributors, retail pharmacy chains, pharmaceutical benefit managers
 16 that have mail-order pharmacies, and hospital buying groups.

17 51. In 2017, Mallinckrodt agreed to settle for \$35 million the Department of Justice's
 18 allegations regarding excessive sales of oxycodone in Florida. The Department of Justice alleged
 19 that even though Mallinckrodt knew that its oxycodone was being diverted to illicit use, it
 20 nonetheless continued to incentivize and supply these suspicious sales, and it failed to notify the
 21 DEA of the suspicious orders in violation of its obligations as a registrant under the Controlled
 22 Substances Act, 21 U.S.C. § 801 *et seq.* ("CSA").

23 52. Defendants Purdue, Endo, Janssen, Cephalon, Actavis, and Mallinckrodt are
 24 collectively referred to as the "Manufacturing Defendants."

1 **AmerisourceBergen**

2 53. Defendant AmerisourceBergen Drug Corporation (“AmerisourceBergen”) is a
3 Delaware corporation with its principal place of business located in Chesterbrook, Pennsylvania.

4 54. According to its 2016 Annual Report, AmerisourceBergen is “one of the largest
5 global pharmaceutical sourcing and distribution services companies” with “over \$145 billion in
6 annual revenue.”

7 55. AmerisourceBergen is licensed as a “wholesale distributor” to sell prescription
8 and non-prescription drugs in Washington State, including opioids. It operates a warehouse in
9 Kent, Washington.

10 **Cardinal Health**

11 56. Defendant Cardinal Health, Inc. (“Cardinal Health”) is an Ohio Corporation with
12 its principal place of business in Dublin, Ohio.

13 57. According to its 2017 Annual Report, Cardinal Health is “a global, integrated
14 healthcare services and products company serving hospitals, healthcare systems, pharmacies,
15 ambulatory surgery centers, clinical laboratories and physician offices worldwide . . .
16 deliver[ing] medical products and pharmaceuticals.” In 2017 alone, Cardinal Health generated
17 revenues of nearly \$130 billion.

18 58. Cardinal Health is licensed as a “wholesale distributor” to sell prescription and
19 non-prescription drugs in Washington State, including opioids. It operates a warehouse in Fife,
20 Washington.

21 **McKesson**

22 59. Defendant McKesson Corporation (“McKesson”) is a Delaware Corporation with
23 its principal place of business in San Francisco, California.

24 60. McKesson is the largest pharmaceutical distributor in North America, delivering
25 nearly one-third of all pharmaceuticals used in this region.

61. According to its 2017 Annual Report, McKesson “partner[s] with pharmaceutical manufacturers, providers, pharmacies, governments and other organizations in healthcare to help provide the right medicines, medical products and healthcare services to the right patients at the right time, safely and cost-effectively.” Additionally, McKesson’s pharmaceutical distribution business operates and serves thousands of customer locations through a network of twenty-seven distribution centers, as well as a primary redistribution center, two strategic redistribution centers and two repackaging facilities, serving all fifty states and Puerto Rico.

62. For the fiscal year ending March 31, 2017, McKesson generated revenues of \$198.5 billion.

63. McKesson is licensed as a “wholesale distributor” to sell prescription and non-prescription drugs in Washington State, including opioids. It operates warehouses in Everett and Auburn, Washington.

64. Collectively, McKesson, AmerisourceBergen, and Cardinal Health (together “Distributor Defendants”) account for approximately 85% of all drug shipments in the United States.

John and Jane Does 1-100, inclusive

65. In addition to the Defendants identified herein, the true names, roles, and/or capacities in the wrongdoing alleged herein of Defendants named John and Jane Does 1 through 100, inclusive, are currently unknown to Plaintiff, and thus, are named as Defendants under fictitious names as permitted by the rules of this Court. Plaintiff will amend this complaint and identify their true identities and their involvement in the wrongdoing at issue, as well as the specific causes of action asserted against them when they become known.

III. JURISDICTION AND VENUE

66. This Court has jurisdiction over this action pursuant to 28 U.S.C. § 1332. The Court also has federal question subject matter jurisdiction arising out of Plaintiff's RICO claims pursuant to 28 U.S.C. § 1331 and 18 U.S.C. § 1961, *et seq.*

1 67. Venue in this Court is proper under 28 U.S.C. § 1391(b).

2 **IV. FACTUAL ALLEGATIONS**

3 **A. Making an Old Drug New Again**

4 **1. A history and background of opioids in medicine**

5 68. The term “opioid” refers to a class of drugs that bind with opioid receptors in the
6 brain and includes natural, synthetic, and semi-synthetic opioids.¹⁰ Generally used to treat pain,
7 opioids produce multiple effects on the human body, the most significant of which are analgesia,
8 euphoria, and respiratory depression. In addition, opioids cause sedation and constipation.

9 69. Most of these effects are medically useful in certain situations, but respiratory
10 depression is the primary limiting factor for the use of opioids. While the body develops
11 tolerance to the analgesic and euphoric effects of opioids relatively quickly, this is not true with
12 respect to respiratory depression. At high doses, opioids can and often do arrest respiration
13 altogether. This is why the risk of opioid overdose is so high, and why many of those who
14 overdose simply go to sleep and never wake up.

15 70. Natural opioids are derived from the opium poppy and have been used since
16 antiquity, going as far back as 3400 B.C. The opium poppy contains various opium alkaloids,
17 three of which are used commercially today: morphine, codeine, and thebaine.

18 71. A 16th-century European alchemist, Paracelsus, is generally credited with
19 developing a tincture of opium and alcohol called laudanum, but it was a British physician a
20 century later who popularized the use of laudanum in Western medicine. “Sydenham’s
21 laudanum” was a simpler tincture than Paracelsus’s and was widely adopted as a treatment not
22 only for pain, but for coughs, dysentery, and numerous other ailments. Laudanum contains
23 almost all of the opioid alkaloids and is still available by prescription today.

24
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¹⁰ At one time, the term “opiate” was used for natural opioids, while “opioid” referred to synthetic substances
26 manufactured to mimic opiates. Now, however, most medical professionals use “opioid” to refer broadly to
natural, semi-synthetic, and synthetic opioids. A fourth class of opioids, endogenous opioids (e.g., endorphins), is
produced naturally by the human body.

1 72. Chemists first isolated the morphine and codeine alkaloids in the early 1800s, and
 2 the pharmaceutical company Merck began large-scale production and commercial marketing of
 3 morphine in 1827. During the American Civil War, field medics commonly used morphine,
 4 laudanum, and opium pills to treat the wounded, and many veterans were left with morphine
 5 addictions. It was upper and middle class white women, however, who comprised the majority of
 6 opioid addicts in the late 19th-century United States, using opioid preparations widely available
 7 in pain elixirs, cough suppressants, and patent medicines. By 1900, an estimated 300,000 people
 8 were addicted to opioids in the United States,¹¹ and many doctors prescribed opioids solely to
 9 prevent their patients from suffering withdrawal symptoms.

10 73. Trying to develop a drug that could deliver opioids' potent pain relief without
 11 their addictive properties, chemists continued to isolate and refine opioid alkaloids. Heroin, first
 12 synthesized from morphine in 1874, was marketed commercially by the Bayer Pharmaceutical
 13 Company beginning in 1898 as a safe alternative to morphine. Heroin's market position as a safe
 14 alternative was short-lived, however; Bayer stopped mass-producing heroin in 1913 because of
 15 its dangers. German chemists then looked to the alkaloid thebaine, synthesizing oxymorphone
 16 and oxycodone from thebaine in 1914 and 1916, respectively, with the hope that the different
 17 alkaloid source might provide the benefits of morphine and heroin without the drawbacks.

18 74. But each opioid was just as addictive as the one before it, and eventually the issue
 19 of opioid addiction could not be ignored. The nation's first Opium Commissioner, Hamilton
 20 Wright, remarked in 1911, "The habit has this nation in its grip to an astonishing extent. Our
 21 prisons and our hospitals are full of victims of it, it has robbed ten thousand businessmen of
 22 moral sense and made them beasts who prey upon their fellows . . . it has become one of the
 23 most fertile causes of unhappiness and sin in the United States."¹²

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¹¹ Nick Miroff, *From Teddy Roosevelt to Trump: How drug companies triggered an opioid crisis a century ago*,
 Washington Post (Oct. 17, 2017), https://www.washingtonpost.com/news/retropolis/wp/2017/09/29/the-greatest-drug-fiends-in-the-world-an-american-opioid-crisis-in-1908/?utm_term=.7832633fd7ca.

26 ¹² *Id.*

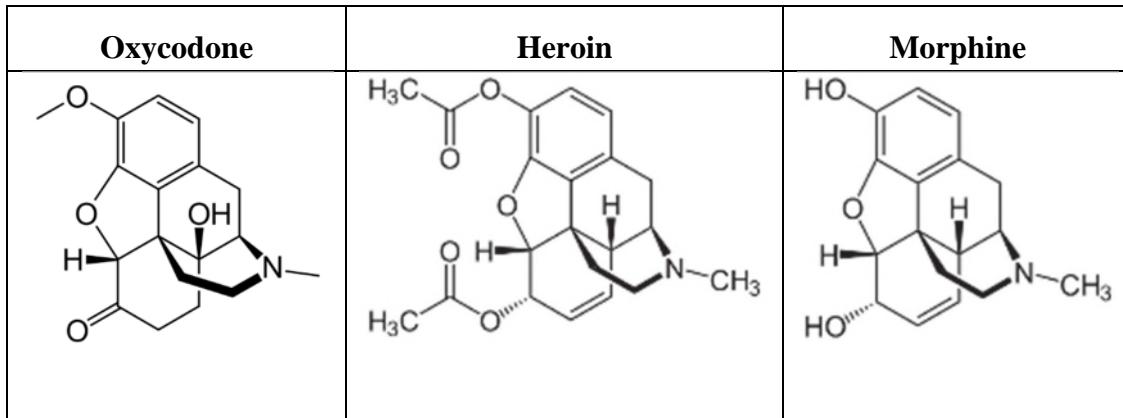
1 75. Concerns over opioid addiction led to national legislation and international
 2 agreements regulating narcotics: the International Opium Convention, signed at the Hague in
 3 1912, and, in the U.S., the Harrison Narcotics Tax Act of 1914. Opioids were no longer marketed
 4 as cure-alls and instead were relegated to the treatment of acute pain.

5 76. Throughout the twentieth century, pharmaceutical companies continued to
 6 develop prescription opioids, but these opioids were generally produced in combination with
 7 other drugs, with relatively low opioid content. For example, Percodan, produced by Defendant
 8 Endo since 1950, is oxycodone and aspirin, and contains just under 5 mg of oxycodone.
 9 Percocet, manufactured by Endo since 1971, is the combination of oxycodone and
 10 acetaminophen, with dosage strengths delivering between 2.5 mg and 10 mg of oxycodone.
 11 Vicodin, a combination of hydrocodone and acetaminophen, was introduced in the U.S. in 1978
 12 and is sold in strengths of 5 mg, 7.5 mg, and 10 mg of hydrocodone. Defendant Janssen also
 13 manufactured a drug with 5 mg of oxycodone and 500 mg of acetaminophen, called Tylox, from
 14 1984 to 2012.

15 77. In contrast, OxyContin, the product with the dubious honor of the starring role in
 16 the opioid epidemic, is pure oxycodone. Purdue initially made it available in the following
 17 dosage strengths: 10 mg, 15 mg, 20 mg, 30 mg, 40 mg, 60 mg, 80 mg, and 160 mg. In other
 18 words, the weakest OxyContin delivers as much narcotic as the strongest Percocet, and some
 19 OxyContin tablets delivered sixteen times as much as that.

20 78. Prescription opioids are essentially pharmaceutical heroin; they are synthesized
 21 from the same plant, have similar molecular structures, and bind to the same receptors in the
 22 human brain. It is no wonder then that there is a straight line between prescription opioid abuse
 23
 24
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 26

1 and heroin addiction. Indeed, studies show that over 80% of new heroin addicts between 2008
 2 and 2010 started with prescription opioids.¹³



10 79. Medical professionals describe the strength of various opioids in terms of
 11 “morphine milligram equivalents” (“MME”). According to the CDC, dosages at or above 50
 12 MME/day double the risk of overdose compared to 20 MME/day, and one study found that
 13 patients who died of opioid overdose were prescribed an average of 98 MME/day.

14 80. Different opioids provide varying levels of MMEs. For example, just 33 mg of
 15 oxycodone provides 50 MME. Thus, at OxyContin’s twice-daily dosing, the 50 MME/day
 16 threshold is reached by a prescription of 15 mg twice daily. One 160 mg tablet of OxyContin,
 17 which Purdue took off the market in 2001, delivered 240 MME.¹⁴

18 81. As journalist Barry Meier wrote in his 2003 book *Pain Killer: A “Wonder”*
 19 *Drug’s Trail of Addiction and Death*, “In terms of narcotic firepower, OxyContin was a nuclear
 20 weapon.”¹⁵

21
 22 ¹³ Jones CM, *Heroin use and heroin use risk behaviors among nonmedical users of prescription opioid pain*
 23 *relievers - United States, 2002-2004 and 2008-2010*, 132(1-2) *Drug Alcohol Depend.* 95-100 (Sept. 1, 2013),
<https://www.ncbi.nlm.nih.gov/pubmed/23410617>.

24 ¹⁴ The wide variation in the MME strength of prescription opioids renders misleading any effort to capture “market
 25 share” by the number of pills or prescriptions attributed to Purdue or other manufacturers. Purdue, in particular,
 26 focuses its business on branded, highly potent pills, causing it to be responsible for a significant percent of the total
 amount of MME in circulation even though it currently claims to have a small percent of the market share in terms
 of pills or prescriptions.

¹⁵ Barry Meier, *Pain Killer: A “Wonder” Drug’s Trail of Addiction and Death* (Rodale 2003).

1 82. Fentanyl, an even more potent and more recent arrival in the opioid tale, is a
 2 synthetic opioid that is 100 times stronger than morphine and 50 times stronger than heroin. First
 3 developed in 1959 by Dr. Paul Janssen under a patent held by Janssen Pharmaceuticals, fentanyl
 4 is increasingly prevalent in the market for opioids created by Defendants' promotion, with
 5 particularly lethal consequences. In many instances, illicit fentanyl is manufactured to look like
 6 oxycodone tablets, in the light blue color and with the "M" stamp of Defendant Mallinckrodt's
 7 30mg oxycodone pills. These lookalike pills have been found around the country, including in
 8 Washington State.¹⁶

9 **2. The Sackler family pioneered the integration of advertising and medicine.**

10 83. Given the history of opioid use in the U.S. and the medical profession's resulting
 11 wariness, the commercial success of Defendants' prescription opioids would not have been
 12 possible without a fundamental shift in prescribers' perception of the risks and benefits of long-
 13 term opioid use.

14 84. As it turned out, Purdue was uniquely positioned to execute just such a maneuver,
 15 thanks to the legacy of a man named Arthur Sackler. The Sackler family is the sole owner of
 16 Purdue and one of the wealthiest families in America, surpassing the wealth of storied families
 17 like the Rockefellers, the Mellons, and the Busches.¹⁷ Because of Purdue and, in particular,
 18 OxyContin, the Sacklers' net worth was \$13 billion as of 2016. Today, all nine members of the
 19 Purdue board are family members, and all of the company's profits go to Sackler family trusts
 20 and entities.¹⁸ Yet the Sacklers have avoided publicly associating themselves with Purdue, letting
 21 others serve as the spokespeople for the company.

22 ¹⁶ See e.g., Sharon Bogen, *Illicit fentanyl found locally in fake opioid pills*, Public Health Insider (Oct. 2, 2017),
 23 <https://publichealthinsider.com/2017/10/02/illicit-fentanyl-found-locally-in-fake-opioid-pills/>; *Mislabeled*
 24 *painkillers "a fatal overdose waiting to happen,"* CBS News (Feb. 29, 2016, 10:46am),
<https://www.cbsnews.com/news/mislabeled-painkillers-a-fatal-overdose-waiting-to-happen/>.

25 ¹⁷ Alex Morrell, *The OxyContin Clan: The \$14 Billion Newcomer to Forbes 2015 List of Richest U.S. Families*,
 26 Forbes (July 1, 2015, 10:17am), <https://www.forbes.com/sites/alexmorrell/2015/07/01/the-oxycontin-clan-the-14-billion-newcomer-to-forbes-2015-list-of-richest-u-s-families/#382ab3275e02>.

18 ¹⁸ David Armstrong, *The man at the center of the secret OxyContin files*, Stat News (May 12, 2016),
<https://www.statnews.com/2016/05/12/man-center-secret-oxycontin-files/>.

1 85. The Sackler brothers—Arthur, Mortimer, and Raymond—purchased a small
 2 patent-medicine company called The Purdue Frederick Company in 1952. While all three
 3 brothers were accomplished psychiatrists, it was Arthur, the oldest, who directed the Sackler
 4 story, treating his brothers more as his protégés than colleagues, putting them both through
 5 medical school and essentially dictating their paths. It was Arthur who created the Sackler
 6 family’s wealth, and it was Arthur who created the pharmaceutical advertising industry as we
 7 know it—laying the groundwork for the OxyContin promotion that would make the Sacklers
 8 billionaires.

9 86. Arthur Sackler was both a psychiatrist and a marketing executive, and, by many
 10 accounts, a brilliant and driven man. He pursued two careers simultaneously, as a psychiatrist at
 11 Creedmoor State Hospital in New York and the president of an advertising agency called
 12 William Douglas McAdams. Arthur pioneered both print advertising in medical journals and
 13 promotion through physician “education” in the form of seminars and continuing medical
 14 education courses. He understood intuitively the persuasive power of recommendations from
 15 fellow physicians and did not hesitate to manipulate information when necessary. For example,
 16 one promotional brochure produced by his firm for Pfizer showed business cards of physicians
 17 from various cities as if they were testimonials for the drug, but when a journalist tried to contact
 18 these doctors, he discovered that they did not exist.¹⁹

19 87. It was Arthur who, in the 1960s, made Valium into the first \$100-million drug, so
 20 popular it became known as “Mother’s Little Helper.” His expertise as a psychiatrist was key to
 21 his success; as his biography in the Medical Advertising Hall of Fame notes, it “enabled him to
 22 position different indications for Roche’s Librium and Valium—to distinguish for the physician
 23 the complexities of anxiety and psychic tension.”²⁰ When Arthur’s client, Roche, developed
 24 Valium, it already had a similar drug, Librium, another benzodiazepine, on the market for

25 ¹⁹ Meier, *supra* note 15, at 204.

26 ²⁰ *MAHF Inductees, Arthur M. Sackler*, Med. Advert. Hall of Fame, <https://www.mahf.com/mahf-inductees/> (last visited August 9, 2018).

1 treatment of anxiety. So Arthur invented a condition he called “psychic tension”—essentially
 2 stress—and pitched Valium as the solution.²¹ The campaign, for which Arthur was compensated
 3 based on volume of pills sold,²² was a remarkable success.

4 88. Arthur’s entrepreneurial drive led him to create not only the advertising for his
 5 clients but also the vehicle to bring their advertisements to doctors—a biweekly newspaper
 6 called the *Medical Tribune*, which he distributed for free to doctors nationwide. Arthur also
 7 conceived a company now called IMS Health Holdings Inc., which monitors prescribing
 8 practices of every doctor in the U.S. and sells this valuable data to pharmaceutical companies
 9 like Defendants, who utilize it to tailor their sales pitches to individual physicians.

10 89. Even as he expanded his business dealings, Arthur was adept at hiding his
 11 involvement in them. When, during a 1962 Senate hearing about deceptive pharmaceutical
 12 advertising, he was asked about a public relations company called Medical and Science
 13 Communications Associates, which distributed marketing from drug companies disguised as
 14 news articles, Arthur was able to truthfully testify that he never was an officer for nor had any
 15 stock in that company. But the company’s sole shareholder was his then-wife. Around the same
 16 time, Arthur also successfully evaded an investigative journalist’s attempt to link the Sacklers to
 17 a company called MD Publications, which had funneled payments from drug companies to an
 18 FDA official named Henry Welch, who was forced to resign when the scandal broke.²³ Arthur
 19 had set up such an opaque and layered business structure that his connection to MD Publications
 20 was only revealed decades later when his heirs were fighting over his estate.

21 90. Arthur Sackler did not hesitate to manipulate information to his advantage. His
 22 legacy is a corporate culture that prioritizes profits over people. In fact, in 2007, federal
 23 prosecutors conducting a criminal investigation of Purdue’s fraudulent advertising of OxyContin

24
 25 ²¹ Meier, *supra* note 15, at 202; *One Family Reaped Billions From Opioids*, WBUR On Point (Oct. 23, 2017),
<http://www.wbur.org/onpoint/2017/10/23/one-family-reaped-billions-from-opioids>.

26 ²² WBUR On Point interview, *supra* note 21.

23 ²³ Meier, *supra* note 15, at 210-14.

1 found a “corporate culture that allowed this product to be misbranded with the intent to defraud
 2 and mislead.”²⁴ Court documents from the prosecution state that “certain Purdue supervisors and
 3 employees, with the intent to defraud or mislead, marketed and promoted OxyContin as less
 4 addictive, less subject to abuse and diversion, and less likely to cause tolerance and withdrawal
 5 than other pain medications . . . ”²⁵ Half a century after Arthur Sackler wedded advertising and
 6 medicine, Purdue employees were following his playbook, putting product sales over patient
 7 safety.

8 **3. Purdue and the development of OxyContin**

9 91. After the Sackler brothers acquired The Purdue Frederick Company in 1952,
 10 Purdue sold products ranging from earwax remover to antiseptic, and it became a profitable
 11 business. As an advertising executive, Arthur Sackler was not involved, on paper at least, in
 12 running Purdue because that would have been a conflict of interest. Raymond Sackler became
 13 Purdue’s head executive while Mortimer Sackler ran Purdue’s UK affiliate.

14 92. In the 1980s, Purdue, through its UK affiliate, acquired a Scottish drug producer
 15 that had developed a sustained-release technology suitable for morphine. Purdue marketed this
 16 extended-release morphine as MS Contin. It quickly became Purdue’s best seller. As the patent
 17 expiration for MS Contin loomed, Purdue searched for a drug to replace it. Around that time,
 18 Raymond Sackler’s oldest son, Richard Sackler, who was also a trained physician, became more
 19 involved in the management of the company. Richard Sackler had grand ambitions for the
 20 company; according to a long-time Purdue sales representative, “Richard really wanted Purdue
 21 to be big—I mean *really* big.”²⁶ Richard Sackler believed Purdue should develop another use for
 22 its “Contin” timed-release system.

23
 24 ²⁴ Naomi Spencer, *OxyContin manufacturer reaches \$600 million plea deal over false marketing practices*, World
 25 Socialist Web Site (May 19, 2007), <http://www.wsws.org/en/articles/2007/05/oxy-m19.html>.

26 ²⁵ Agreed Statement of Facts, *United States. v. Purdue Frederick Co.*, No. 1:07-cr-00029 (W.D. Va. May 10, 2007).

27 ²⁶ Christopher Glazek, *The Secretive Family Making Billions from the Opioid Crisis*, Esquire (Oct. 16, 2017),
<http://www.esquire.com/news-politics/a12775932/sackler-family-oxycontin/>.

1 93. In 1990, Purdue's VP of clinical research, Robert Kaiko, sent a memo to Richard
 2 Sackler and other executives recommending that the company work on a pill containing
 3 oxycodone. At the time, oxycodone was perceived as less potent than morphine, largely because
 4 it was most commonly prescribed as Percocet, the relatively weak oxycodone-acetaminophen
 5 combination pill. MS Contin was not only approaching patent expiration but had always been
 6 limited by the stigma associated with morphine. Oxycodone did not have that problem, and
 7 what's more, it was sometimes mistakenly called "oxycodeine," which also contributed to the
 8 perception of relatively lower potency, because codeine is weaker than morphine. Purdue
 9 acknowledged using this to its advantage when it eventually pled guilty to criminal charges of
 10 "misbranding" in 2007, admitting that it was "well aware of the incorrect view held by many
 11 physicians that oxycodone was weaker than morphine" and "did not want to do anything 'to
 12 make physicians think that oxycodone was stronger or equal to morphine' or to 'take any steps . .
 13 . that would affect the unique position that OxyContin'" held among physicians.²⁷

14 94. For Purdue and OxyContin to be "*really big*," Purdue needed to both distance its
 15 new product from the traditional view of narcotic addiction risk and broaden the drug's uses
 16 beyond cancer pain and hospice care. A marketing memo sent to Purdue's top sales executives in
 17 March 1995 recommended that if Purdue could show that the risk of abuse was lower with
 18 OxyContin than with traditional immediate-release narcotics, sales would increase.²⁸ As
 19 discussed below, Purdue did not find or generate any such evidence, but this did not stop Purdue
 20 from making that claim regardless.

21 95. Despite the fact that there has been little or no change in the amount of pain
 22 reported in the U.S. over the last twenty years, Purdue recognized an enormous untapped market
 23 for its new drug. As Dr. David Haddox, a Senior Medical Director at Purdue, declared on the
 24 Early Show, a CBS morning talk program, "There are 50 million patients in this country who

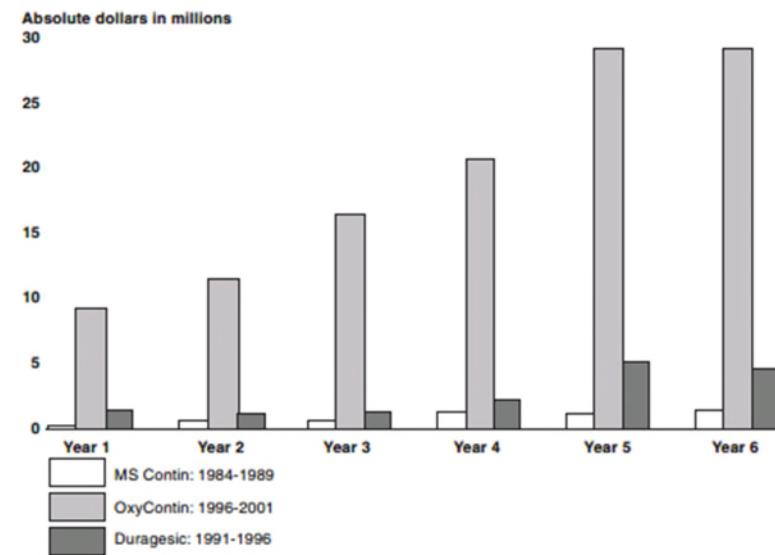
25
 26 ²⁷ *United States. v. Purdue Frederick Co.*, *supra* note 27.

²⁸ Meier, *supra* note 15, at 269.

1 have chronic pain that's not being managed appropriately every single day. OxyContin is one of
 2 the choices that doctors have available to them to treat that.”²⁹

3 96. In pursuit of these 50 million potential customers, Purdue poured resources into
 4 OxyContin’s sales force and advertising. The graph below shows how promotional spending in
 5 the first six years following OxyContin’s launch dwarfed Purdue’s spending on MS Contin or
 6 Defendant Janssen’s spending on Duragesic.³⁰

7 **Figure 1: Promotional Spending for Three Opioid Analgesics in First 6 Years of
 8 Sales**



97. Prior to Purdue’s launch of OxyContin, no drug company had ever promoted such
 a pure, high-strength Schedule II narcotic to so wide an audience of general practitioners. Today,
 one in every five patients who present themselves to physicians’ offices with non-cancer pain

²⁹ *Id.* at 156.

³⁰ *OxyContin Abuse and Diversion and Efforts to Address the Problem*, U.S. Gen. Acct. Off. Rep. to Cong. Requesters at 22 (Dec. 2003), <http://www.gao.gov/new.items/d04110.pdf>.

1 symptoms or pain-related diagnoses (including acute and chronic pain) receives an opioid
 2 prescription.³¹

3 98. Purdue has generated estimated sales of more than \$35 billion from opioids since
 4 1996, while raking in more than \$3 billion in 2015 alone. Remarkably, its opioid sales continued
 5 to climb even after a period of media attention and government inquiries regarding OxyContin
 6 abuse in the early 2000s and a criminal investigation culminating in guilty pleas in 2007. Purdue
 7 proved itself skilled at evading full responsibility and continuing to sell through the controversy.
 8 The company's annual opioid sales of \$3 billion in 2015 represent a four-fold increase from its
 9 2006 sales of \$800 million.

10 99. One might imagine that Richard Sackler's ambitions have been realized. But in
 11 the best tradition of family patriarch Arthur Sackler, Purdue has its eyes on even greater profits.
 12 Under the name of Mundipharma, the Sacklers are looking to new markets for their opioids—
 13 employing the exact same playbook in South America, China, and India as they did in the United
 14 States.

15 100. In May 2017, a dozen members of Congress sent a letter to the World Health
 16 Organization, warning it of the deceptive practices Purdue is unleashing on the rest of the world
 17 through Mundipharma:

18 We write to warn the international community of the deceptive and dangerous
 19 practices of Mundipharma International—an arm of Purdue Pharmaceuticals. The
 20 greed and recklessness of one company and its partners helped spark a public health
 21 crisis in the United States that will take generations to fully repair. We urge the
 22 World Health Organization (WHO) to do everything in its power to avoid allowing
 23 the same people to begin a worldwide opioid epidemic. Please learn from our
 24 experience and do not allow Mundipharma to carry on Purdue's deadly legacy on
 25 a global stage. . . .

26 23 Internal documents revealed in court proceedings now tell us that since the early
 24 development of OxyContin, Purdue was aware of the high risk of addiction it
 25 carried. Combined with the misleading and aggressive marketing of the drug by its
 26

³¹ Deborah Dowell, M.D., Tamara M. Haegerich, Ph.D., and Roger Chou, M.D., *CDC Guideline for Prescribing Opioids for Chronic Pain — United States, 2016*, Ctrs. for Disease Control and Prevention (Mar. 18, 2016), <https://www.cdc.gov/mmwr/volumes/65/rr/rr6501e1.htm> [hereinafter 2016 CDC Guideline].

1 partner, Abbott Laboratories, Purdue began the opioid crisis that has devastated
 2 American communities since the end of the 1990s. Today, Mundipharma is using
 3 many of the same deceptive and reckless practices to sell OxyContin abroad. . . .

4 In response to the growing scrutiny and diminished U.S. sales, the Sacklers have
 5 simply moved on. On December 18, the Los Angeles Times published an extremely
 6 troubling report detailing how in spite of the scores of lawsuits against Purdue for
 7 its role in the U.S. opioid crisis, and tens of thousands of overdose deaths,
 8 Mundipharma now aggressively markets OxyContin internationally. In fact,
 9 Mundipharma uses many of the same tactics that caused the opioid epidemic to
 10 flourish in the U.S., though now in countries with far fewer resources to devote to
 11 the fallout.³²

101. Purdue's pivot to untapped markets, after extracting substantial profits from
 10 communities like Whitman County and leaving the County to address the resulting damage,
 11 underscores that its actions have been knowing, intentional, and motivated by profits throughout
 12 this entire tragic story.

12 **B. The Booming Business of Addiction**

13 **1. Other Manufacturing Defendants leapt at the opioid opportunity.**

14 102. Purdue created a market in which the prescription of powerful opioids for a range
 15 of common aches and pains was not only acceptable but encouraged—but it was not alone.
 16 Defendants Endo, Janssen, Cephalon, and Actavis, each of which already produced and sold
 17 prescription opioids, positioned themselves to take advantage of the opportunity Purdue created,
 18 developing both branded and generic opioids to compete with OxyContin while misrepresenting
 19 the safety and efficacy of their products.

20 103. Endo, which for decades had sold Percocet and Percodan, both containing
 21 relatively low doses of oxycodone, moved quickly to develop a generic version of extended-
 22 release oxycodone to compete with OxyContin, receiving tentative FDA approval for its generic
 23 version in 2002. As Endo stated in its 2003 Form 10-K, it was the first to file an application with
 24 the FDA for bioequivalent versions of the 10, 20, and 40 mg strengths of OxyContin, which

25
 26 ³² Letter from Cong. of the U.S., to Dr. Margaret Chan, Dir.-Gen., World Health Org. (May 3, 2017),
http://katherineclark.house.gov/_cache/files/a577bd3c-29ec-4bb9-bdba-1ca71c784113/mundipharma-letter-signatures.pdf.

1 potentially entitled it to 180 days of generic marketing exclusivity—"a significant advantage."³³
 2 Purdue responded by suing Endo for patent infringement, litigating its claims through a full trial
 3 and a Federal Circuit appeal—unsuccessfully. As the trial court found, and the appellate court
 4 affirmed, Purdue obtained the oxycodone patents it was fighting to enforce through "inequitable
 5 conduct"—namely, suggesting that its patent applications were supported by clinical data when
 6 in fact they were based on an employee's "insight and not scientific proof."³⁴ Endo began selling
 7 its generic extended-release oxycodone in 2005.

8 104. At the same time as Endo was battling Purdue over generic OxyContin—and as
 9 the U.S. was battling increasingly widespread opioid abuse—Endo was working on getting
 10 another branded prescription opioid on the market. In 2002, Endo submitted applications to the
 11 FDA for both immediate-release and extended-release tablets of oxymorphone, branded as
 12 Opana and Opana ER.

13 105. Like oxycodone, oxymorphone is not a new drug; it was first synthesized in
 14 Germany in 1914 and sold in the U.S. by Endo beginning in 1959 under the trade name
 15 Numorphan, in injectable, suppository, and oral tablet forms. But the oral tablets proved highly
 16 susceptible to abuse. Called "blues" after the light blue color of the 10 mg pills, Numorphan
 17 provoked, according to some users, a more euphoric high than heroin, and even had its moment
 18 in the limelight as the focus of the movie Drugstore Cowboy. As the National Institute on Drug
 19 Abuse observed in its 1974 report, "Drugs and Addict Lifestyle," Numorphan was extremely
 20 popular among addicts for its quick and sustained effect.³⁵ Endo withdrew oral Numorphan from
 21 the market in 1979, reportedly for "commercial reasons."³⁶

22
 23
 24 ³³ *Endo Pharm. Holdings, Inc. Form 10-K*, U.S. Sec. and Exchange Comm'n, at 4 (Mar. 15, 2004),
http://media.corporate-ir.net/media_files/irol/12/123046/reports/10K_123103.pdf.

25 ³⁴ *Purdue Pharma L.P. v. Endo Pharm. Inc.*, 438 F.3d 1123, 1131 (Fed. Cir. 2006).

26 ³⁵ John Fauber and Kristina Fiore, *Abandoned Painkiller Makes a Comeback*, MedPage Today (May 10, 2015),
<https://www.medpagetoday.com/psychiatry/addictions/51448>.

³⁶ *Id.*

1 106. Two decades later, however, as communities around the U.S. were first sounding
 2 the alarm about prescription opioids and Purdue executives were being called to testify before
 3 Congress about the risks of OxyContin, Endo essentially reached back into its inventory, dusted
 4 off a product it had previously shelved after widespread abuse, and pushed it into the
 5 marketplace with a new trade name and a potent extended-release formulation.

6 107. The clinical trials submitted with Endo's first application for approval of Opana
 7 were insufficient to demonstrate efficacy, and some subjects in the trials overdosed and had to be
 8 revived with naloxone. Endo then submitted new "enriched enrollment" clinical trials, in which
 9 trial subjects who do not respond to the drug are excluded from the trial, and obtained approval.
 10 Endo began marketing Opana and Opana ER in 2006.

11 108. Like Numorphan, Opana ER was highly susceptible to abuse. On June 8, 2017,
 12 the FDA sought removal of Opana ER. In its press release, the FDA indicated that "the agency is
 13 seeking removal based on its concern that the benefits of the drug may no longer outweigh its
 14 risks. This is the first time the agency has taken steps to remove a currently marketed opioid pain
 15 medication from sale due to the public health consequences of abuse."³⁷ On July 6, 2017, Endo
 16 agreed to withdraw Opana ER from the market.³⁸

17 109. Janssen, which already marketed the Duragesic (fentanyl) patch, developed a new
 18 opioid compound called tapentadol in 2009, marketed as Nucynta for the treatment of moderate
 19 to severe pain. Janssen launched the extended-release version, Nucynta ER, for treatment of
 20 chronic pain in 2011.

21 110. Cephalon also manufactures Actiq, a fentanyl lozenge, and Fentora, a fentanyl
 22 tablet. As noted above, fentanyl is an extremely powerful synthetic opioid. According to the
 23 DEA, as little as two milligrams is a lethal dosage for most people. Actiq has been approved by
 24

25

³⁷ Press Release, U.S. Food & Drug Administration, *FDA requests removal of Opana ER for risks related to abuse*
 (June 8, 2017), <https://www.fda.gov/NewsEvents/Newsroom/PressAnnouncements/ucm562401.htm>.

26 ³⁸ *Endo pulls opioid as U.S. seeks to tackle abuse epidemic*, Reuters (July 6, 2017, 9:59am),
<https://www.reuters.com/article/us-endo-intl-opana-idUSKBN19R2II>.

1 the FDA only for the “management of breakthrough cancer pain in patients 16 years and older
 2 with malignancies who are already receiving and who are tolerant to around-the-clock opioid
 3 therapy for the underlying persistent cancer pain.”³⁹ Fentora has been approved by the FDA only
 4 for the “management of breakthrough pain in cancer patients 18 years of age and older who are
 5 already receiving and who are tolerant to around-the-clock opioid therapy for their underlying
 6 persistent cancer pain.”⁴⁰

7 111. In 2008, Cephalon pled guilty to a criminal violation of the Federal Food, Drug
 8 and Cosmetic Act for its misleading promotion of Actiq and two other drugs and agreed to pay
 9 \$425 million.

10 112. Actavis acquired the rights to Kadian, extended-release morphine, in 2008, and
 11 began marketing Kadian in 2009. Actavis’s opioid products also include Norco, a brand-name
 12 hydrocodone and acetaminophen pill, first approved in 1997. But Actavis, primarily a generic
 13 drugmaker, pursued opioid profits through generics, selling generic versions of OxyContin,
 14 Opana, and Duragesic. In 2013, it settled a patent lawsuit with Purdue over its generic version of
 15 “abuse-deterrant” OxyContin, striking a deal that would allow it to market its abuse-deterrant
 16 oxycodone formulation beginning in 2014. Actavis anticipated over \$100 million in gross profit
 17 from generic OxyContin sales in 2014 and 2015.

18 113. Mallinckrodt’s generic oxycodone achieved enough market saturation to have its
 19 own street name, “M’s,” based on its imprint on the pills. As noted above, Mallinckrodt was the
 20 subject of a federal investigation based on diversion of its oxycodone in Florida, where 500
 21 million of its pills were shipped between 2008 and 2012. Federal prosecutors alleged that 43,991
 22 orders from distributors and retailers were excessive enough be considered suspicious and should
 23 have been reported to the DEA.

24
 25 ³⁹ *Prescribing Information, ACTIQ®*, U.S. Food & Drug Admin.,
https://www.accessdata.fda.gov/drugsatfda_docs/label/2009/020747s030lbl.pdf (last visited August 9, 2018).

26 ⁴⁰ *Prescribing Information, FENTORA®*, U.S. Food & Drug Admin.,
https://www.accessdata.fda.gov/drugsatfda_docs/label/2012/021947s015lbl.pdf (last visited August 9, 2018).

1 114. Mallinckrodt also pursued a share of the branded opioid market. In 2007,
 2 Mallinckrodt launched Magnacet, an oxycodone and acetaminophen combination pill. In 2008,
 3 Mallinckrodt (then Covidien) launched TussiCaps, a hydrocodone and chlorpheniramine capsule,
 4 marketed as a cough suppressant. And in 2009, Mallinckrodt acquired the U.S. rights to Exalgo,
 5 a potent extended-release hydromorphone tablet, and began marketing it in 2012. Mallinckrodt
 6 further expanded its branded opioid portfolio in 2012 by purchasing Roxicodone from Xanodyne
 7 Pharmaceuticals. In addition, Mallinckrodt developed Xartemis XR, an extended-release
 8 combination of oxycodone and acetaminophen, which the FDA approved in March 2014. In
 9 anticipation of Xartemis XR's approval, Mallinckrodt hired approximately 200 sales
 10 representatives to promote it, and CEO Mark Trudeau said the drug could generate "hundreds of
 11 millions in revenue."⁴¹

12 115. All told, the Manufacturing Defendants have reaped enormous profits from the
 13 addiction crisis they spawned. For example, Opana ER alone generated more than \$1 billion in
 14 revenue for Endo in 2010 and again in 2013. Janssen earned more than \$1 billion in sales of
 15 Duragesic in 2009, and Nucynta and Nucynta ER accounted for \$172 million in sales in 2014.

16 **2. Distributor Defendants knowingly supplied dangerous quantities of opioids
 17 while advocating for limited oversight and enforcement.**

18 116. The Distributor Defendants track and keep a variety of information about the
 19 pharmacies and other entities to which they sell pharmaceuticals. For example, the Distributor
 20 Defendants use "know your customer" questionnaires that track the number and types of pills
 21 their customers sell, absolute and relative amounts of controlled substances they sell, whether the
 22 customer purchases from other distributors, and types of medical providers in the areas, among
 23 other information.

24
 25
 26 ⁴¹ Samantha Liss, *Mallinckrodt banks on new painkillers for sales*, St. Louis Bus. Journal (Dec. 30, 2013),
<http://argentcapital.com/mallinckrodt-banks-on-new-painkillers-for-sales/>.

1 117. These questionnaires and other sources of information available to the Distributor
 2 Defendants provide ample data to put the Distributor Defendants on notice of suspicious orders,
 3 pharmacies, and doctors.

4 118. Nevertheless, the Distributor Defendants refused or failed to identify, investigate,
 5 or report suspicious orders of opioids to the DEA. Even when the Distributor Defendants had
 6 actual knowledge that they were distributing opioids to drug diversion rings, they refused or
 7 failed to report these sales to the DEA.

8 119. By not reporting suspicious opioid orders or known diversions of prescription
 9 opioids, not only were the Defendants able to continue to sell opioids to questionable customers,
 10 Defendants ensured that the DEA had no basis for decreasing or refusing to increase production
 11 quotas for prescription opioids.

12 120. The Distributor Defendants collaborated with each other and with the
 13 Manufacturing Defendants to maintain distribution of excessive amounts of opioids. One
 14 example of this collaboration came to light through Defendants' work in support of legislation
 15 called the Ensuring Patient Access and Effective Drug Enforcement (EPAEDE) Act, which was
 16 signed into law in 2016 and limited the DEA's ability to stop the flow of opioids. Prior to this
 17 law, the DEA could use an "immediate suspension order" to halt suspicious shipments of pills
 18 that posed an "imminent" threat to the public. The EPAEDE Act changed the required showing
 19 to an "immediate" threat—an impossible standard given the fact that the drugs may sit on a shelf
 20 for a few days after shipment. The law effectively neutralized the DEA's ability to bring
 21 enforcement actions against distributors.

22 121. The legislation was drafted by a former DEA lawyer, D. Linden Barber, who is
 23 now a senior vice president at Defendant Cardinal Health. Prior to leaving the DEA, Barber had
 24 worked with Joseph Rannazzisi, then the chief of the DEA's Office of Diversion Control, to plan
 25 the DEA's fight against the diversion of prescription drugs. So when Barber began working for
 26 Cardinal Health, he knew just how to neutralize the effectiveness of the DEA's enforcement

1 actions. Barber and other promoters of the EPAEDE Act portrayed the legislation as maintaining
 2 patient access to medication critical for pain relief. In a 2014 hearing on the bill, Barber testified
 3 about the “unintended consequences in the supply chain” of the DEA’s enforcement actions. But
 4 by that time, communities across the United States, including Plaintiff Whitman County, were
 5 grappling with the “unintended consequences” of Defendants’ reckless promotion and
 6 distribution of narcotics.

7 122. Despite egregious examples of drug diversion from around the country, the
 8 promoters of the EPAEDE Act were successful in characterizing the bill as supporting patients’
 9 rights. One of the groups supporting this legislation was the Alliance for Patient Access, a “front
 10 group” as discussed further below, which purports to advocate for patients’ rights to have access
 11 to medicines, and whose 2017 list of “associate members and financial supporters” included
 12 Defendants Purdue, Endo, Johnson & Johnson, Actavis, Mallinckrodt, and Cephalon. In a 2013
 13 “white paper” titled “Prescription Pain Medication: Preserving Patient Access While Curbing
 14 Abuse,” the Alliance for Patient Access asserted multiple “unintended consequences” of
 15 regulating pain medication, including a decline in prescriptions as physicians feel burdened by
 16 regulations and stigmatized.⁴²

17 123. The Distributor Defendants are also part of the activities of the Alliance for
 18 Patient Access, although their involvement is hidden. One example of their involvement was
 19 revealed by the metadata of an electronic document: the letter from the Alliance for Patient
 20 Access in support of the EPAEDE Act. That document was created by Kristen Freitas, a
 21 registered lobbyist and the vice president for federal government affairs of the Healthcare
 22 Distributors Alliance (HDA)—the trade group that represents Defendants McKesson, Cardinal
 23 Health, and AmerisourceBergen.

24
 25
 26 ⁴² *Prescription Pain Medication: Preserving Patient Access While Curbing Abuse*, Inst. for Patient Access (Oct.
 2013), http://1yh21u3cjptv3xjder1dco9mx5s.wpengine.netdna-cdn.com/wp-content/uploads/2013/12/PT_White-Paper_Final.pdf.

124. Upon information and belief, the collaboration on the EPAEDE Act is just one example of how the Manufacturing Defendants and the Distributor Defendants, through third-party “front groups” like the Alliance for Patient Access and trade organizations like HDA, worked together behind the scenes to ensure that the flow of dangerous narcotics into communities across the country would not be restricted, and Defendants collaborated in other ways that remain hidden from public view.

125. The Distributor Defendants have been the subject of numerous enforcement actions by the DEA. In 2008, for example, McKesson was fined \$13.3 million and agreed to strengthen its controls by implementing a three-tiered system that would flag buyers who exceeded monthly thresholds for opioids. As the opioid crisis deepened, the DEA's Office of Diversion Control, led by Rannazzisi, stepped up enforcement, filing 52 immediate suspension orders against suppliers and pill mills in 2010 alone. Defendant Cardinal Health was fined \$34 million by the DEA in 2013 for failing to report suspicious orders.

126. The Distributor Defendants were not simply passive transporters of opioids. They intentionally failed to report suspicious orders and actively pushed back against efforts to enforce the law and restrict the flow of opioids into communities like Whitman County.

3. Pill mills and overprescribing doctors also placed their financial interests ahead of their patients' interests.

127. Prescription opioid manufacturers and distributors were not the only ones to recognize an economic opportunity. Around the country, including in Whitman County, certain doctors or pain clinics ended up doing brisk business dispensing opioid prescriptions. As Dr. Andrew Kolodny, cofounder of Physicians for Responsible Opioid Prescribing, observed, this business model meant doctors would “have a practice of patients who’ll never miss an appointment and who pay in cash.”⁴³

⁴³ Sam Quinones, *Dreamland: The True Tale of America's Opiate Epidemic* 314 (Bloomsbury Press 2015).

1 128. Moreover, the Manufacturing Defendants' sales incentives rewarded sales
 2 representatives who happened to have pill mills within their territories, enticing those
 3 representatives to look the other way even when their in-person visits to such clinics should have
 4 raised numerous red flags. In one example, a pain clinic in South Carolina was diverting massive
 5 quantities of OxyContin. People traveled to the clinic from towns as far as 100 miles away to get
 6 prescriptions. Eventually, the DEA's diversion unit raided the clinic, and prosecutors filed
 7 criminal charges against the doctors. But Purdue's sales representative for that territory, Eric
 8 Wilson, continued to promote OxyContin sales at the clinic. He reportedly told another local
 9 physician that this clinic accounted for 40% of the OxyContin sales in his territory. At that time,
 10 Wilson was Purdue's top-ranked sales representative.⁴⁴ In response to news stories about this
 11 clinic, Purdue issued a statement, declaring that "if a doctor is intent on prescribing our
 12 medication inappropriately, such activity would continue regardless of whether we contacted the
 13 doctor or not."⁴⁵

14 129. Another pill mill, this one in Los Angeles, supplied OxyContin to a drug dealer in
 15 Everett, Washington. Purdue was alerted to the existence of this pill mill by one of its regional
 16 sales managers, who in 2009 reported to her supervisors that when she visited the clinic with her
 17 sales representative, "it was packed with a line out the door, with people who looked like gang
 18 members," and that she felt "very certain that this an organized drug ring[.]" She wrote, "This is
 19 clearly diversion. Shouldn't the DEA be contacted about this?" But her supervisor at Purdue
 20 responded that while they were "considering all angles," it was "really up to [the wholesaler] to
 21 make the report." This clinic was the source of 1.1 million pills trafficked to Everett, which is a
 22 city of around 100,000 people. Purdue waited until after the clinic was shut down in 2010 to
 23 inform the authorities.⁴⁶ Similarly, Purdue received repeated reports in 2008 from a sales

24 ⁴⁴ Meier, *supra* note 15, at 298-300.

25 ⁴⁵ *Id.*

26 ⁴⁶ Harriet Ryan, Scott Glover, and Lisa Girion, *How black-market OxyContin spurred a town's descent into crime, addiction and heartbreak*, Los Angeles Times (July 10, 2016), <http://www.latimes.com/projects/la-me-oxycontin-everett/>; Harriet Ryan, Lisa Girion, and Scott Glover, *More than 1 million OxyContin pills ended up in the hands*

1 representative who visited a family practice doctor in Bothell, Washington; the sales
 2 representative informed Purdue that many of this doctor's patients were men in their twenties
 3 who did not appear to be in pain, who sported diamond studs and \$350 sneakers, and who always
 4 paid for their 80 mg OxyContin prescriptions in cash. Despite being repeatedly alerted to the
 5 doctor's conduct, Purdue did not take any action to report it until three years later.

6 130. Whenever examples of opioid diversion and abuse have drawn media attention,
 7 the Manufacturing Defendants have consistently blamed "bad actors." For example, in 2001,
 8 during a Congressional hearing, Purdue's attorney Howard Udell answered pointed questions
 9 about how it was that Purdue could utilize IMS Health data to assess their marketing efforts but
 10 not notice a particularly egregious pill mill in Pennsylvania run by a doctor named Richard
 11 Paolino. Udell asserted that Purdue was "fooled" by the "bad actor" doctor: "The picture that is
 12 painted in the newspaper [of Dr. Paolino] is of a horrible, bad actor, someone who preyed upon
 13 this community, who caused untold suffering. And he fooled us all. He fooled law enforcement.
 14 He fooled the DEA. He fooled local law enforcement. He fooled us."⁴⁷

15 131. But given the closeness with which all Defendants monitored prescribing patterns,
 16 including through IMS Health data, it is highly improbable that they were "fooled." In fact, a
 17 local pharmacist had noticed the volume of prescriptions coming from Paolino's clinic and
 18 alerted authorities. Purdue had the prescribing data from the clinic and alerted no one. Rather, it
 19 appears Purdue and other Defendants used the IMS Health data to target pill mills and sell more
 20 pills. Indeed, a Purdue executive referred to Purdue's tracking system and database as a "gold
 21 mine" and acknowledged that Purdue could identify highly suspicious volumes of prescriptions.

22 132. Sales representatives making in-person visits to such clinics were likewise not
 23 fooled. But as pill mills were lucrative for the manufacturers and individual sales representatives
 24 alike, Defendants and their employees turned a collective blind eye, allowing certain clinics to

25 26 *of criminals and addicts. What the drugmaker knew*, Los Angeles Times (July 10, 2016),
 27 <http://www.latimes.com/projects/la-me-oxycontin-part2/>.

⁴⁷ Meier, *supra* note 15, at 179.

1 dispense staggering quantities of potent opioids and feigning surprise when the most egregious
 2 examples eventually made the nightly news.

3 **4. Widespread prescription opioid use broadened the market for heroin and
 4 fentanyl.**

5 133. Defendants' scheme achieved a dramatic expansion of the U.S. market for
 6 opioids, prescription and non-prescription alike. Heroin and fentanyl use has surged—a
 7 foreseeable consequence of Defendants' successful promotion of opioid use coupled with the
 8 sheer potency of their products.

9 134. In his book *Dreamland: The True Tale of America's Opiate Epidemic*, journalist
 10 Sam Quinones summarized the easy entrance of black tar heroin in a market primed by
 11 prescription opioids:

12 His black tar, once it came to an area where OxyContin had already tenderized the
 13 terrain, sold not to tapped-out junkies but to younger kids, many from the suburbs,
 14 most of whom had money and all of whom were white. Their transition from Oxy
 15 to heroin, he saw, was a natural and easy one. Oxy addicts began by sucking on and
 16 dissolving the pills' timed-release coating. They were left with 40 or 80 mg of pure
 17 oxycodone. At first, addicts crushed the pills and snorted the powder. As their
 18 tolerance built, they used more. To get a bigger bang from the pill, they liquefied it
 19 and injected it. But their tolerance never stopped climbing. OxyContin sold on the
 20 street for a dollar a milligram and addicts very quickly were using well over 100
 21 mg a day. As they reached their financial limits, many switched to heroin, since
 22 they were already shooting up Oxy and had lost any fear of the needle.⁴⁸

23 135. In a study examining the relationship between the abuse of prescription opioids
 24 and heroin, researchers found that 75% of those who began their opioid abuse in the 2000s
 25 reported that their first opioid was a prescription drug.⁴⁹ As the graph below illustrates,
 26 prescription opioids replaced heroin as the first opioid of abuse beginning in the 1990s.

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 25

⁴⁸ Quinones, *supra* note 43, at 165-66.

26 Theodore J. Cicero, PhD, Matthew S. Ellis, MPE, Hilary L. Surratt, PhD, *The Changing Face of Heroin Use in
 the United States: A Retrospective Analysis of the Past 50 Years*, 71(7) JAMA Psychiatry 821-826 (2014),
<https://jamanetwork.com/journals/jamapsychiatry/fullarticle/1874575>.



From: **The Changing Face of Heroin Use in the United States: A Retrospective Analysis of the Past 50 Years**

JAMA Psychiatry. 2014;71(7):821-826. doi:10.1001/jamapsychiatry.2014.366

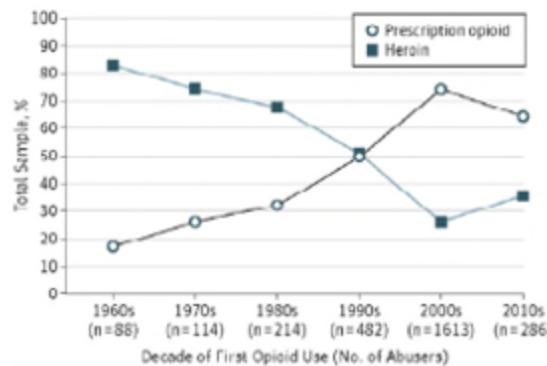


Figure Legend:

Percentage of the Total Heroin-Dependent Sample That Used Heroin or a Prescription Opioid as Their First Opioid of Abuse Data are plotted as a function of the decade in which respondents initiated their opioid abuse.

136. The researchers also found that nearly half of the respondents who indicated that
 137. their primary drug was heroin actually preferred prescription opioids, because the prescription
 138. drugs were legal, and perceived as “safer and cleaner.” But, heroin’s lower price point is a
 139. distinct advantage. While an 80 mg OxyContin might cost \$80 on the street, the same high can
 140. be had from \$20 worth of heroin.

141. As noted above, there is little difference between the chemical structures of heroin
 142. and prescription opioids. Between 2005 and 2009, Mexican heroin production increased by over
 143. 600%. And between 2010 and 2014, the amount of heroin seized at the U.S.-Mexico border more
 144. than doubled.

1 138. From 2002 to 2016, fatal overdoses related to heroin in the U.S. increased by
 2 **533%**—from 2,089 deaths in 2002 to 13,219 deaths in 2016.⁵⁰

3 139. Along with heroin use, fentanyl use is on the rise, as a result of America's
 4 expanded appetite for opioids. But fentanyl, as noted above, is fifty times more potent than
 5 heroin, and overdosing is all too easy. Fentanyl is expected to cause over 20,000 overdoses in
 6 2017.⁵¹

7 140. As Dr. Caleb Banta-Green, senior research scientist at the University of
 8 Washington's Alcohol and Drug Abuse Institute, told The Seattle Times in August 2017, "The
 9 bottom line is opioid addiction is the overall driver of deaths. People will use whatever opioid
 10 they can get. It's just that which one they're buying is changing a bit."⁵²

11 141. In addition to the expanded market for opioids of all kinds, the opioid epidemic
 12 has contributed to a resurgence in methamphetamine use, as some opioid users turn to the
 13 stimulant to counter the effects of opioids.⁵³ As explained in a recent article regarding the
 14 connection between opioids and methamphetamine, "[f]or addicts, the drugs pair: Heroin is a
 15 downer and methamphetamine is an upper."⁵⁴

16 **C. The Manufacturing Defendants Promoted Prescription Opioids Through Several
 17 Channels.**

18 142. Despite knowing the devastating consequences of widespread opioid use, the
 19 Manufacturing Defendants engaged in a sophisticated and multi-pronged promotional campaign

20 ⁵⁰ Niall McCarthy, *U.S. Heroin Deaths Have Increased 533% Since 2002*, Forbes (Sept. 11, 2017, 8:26am),
 21 <https://www.forbes.com/sites/niallmccarthy/2017/09/11/u-s-heroin-deaths-have-increased-533-since-2002-infographic/#13ab9a531abc>.

22 ⁵¹ *Id.*

23 ⁵² *Opioids: The Leading Cause of Drug Deaths in Seattle Area*, U. of Wash. Sch. of Pub. Health (Aug. 25, 2017),
 24 http://sph.washington.edu/news/article.asp?content_ID=8595.

25 ⁵³ See, e.g., *Opioids and methamphetamine: a tale of two crises*, 391(10122) The Lancet 713 (Feb. 24, 2018),
 26 [https://www.thelancet.com/journals/lancet/article/PIIS0140-6736\(18\)30319-2/fulltext](https://www.thelancet.com/journals/lancet/article/PIIS0140-6736(18)30319-2/fulltext); Brenda Goodman, MA,
 Experts Warn of Emerging 'Stimulant Epidemic', WebMD (Apr. 3, 2018). <https://www.webmd.com/mental-health/addiction/news/20180403/experts-warn-of-emerging-stimulant-epidemic>.

26 ⁵⁴ Michelle Theriault Boots, *The silent fallout of the opioid epidemic? Meth.*, Anchorage Daily News (Mar. 29, 2018), <https://www.adn.com/alaska-news/2018/03/19/the-silent-fallout-of-the-opioid-epidemic-meth/#>.

1 designed to achieve just that. By implementing the strategies pioneered by Arthur Sackler, these
 2 Defendants were able to achieve the fundamental shift in the perception of opioids that was key
 3 to making them blockbuster drugs.

4 143. The Manufacturing Defendants disseminated their deceptive statements about
 5 opioids through several channels.⁵⁵ First, these Defendants aggressively and persistently pushed
 6 opioids through sales representatives. Second, these Defendants funded third-party organizations
 7 that appeared to be neutral but which served as additional marketing departments for drug
 8 companies. Third, these Defendants utilized prominent physicians as paid spokespeople—“Key
 9 Opinion Leaders”—to take advantage of doctors’ respect for and reliance on the
 10 recommendations of their peers. Finally, these Defendants also used print and online advertising,
 11 including unbranded advertising, which is not reviewed by the FDA.

12 144. The Manufacturing Defendants spent substantial sums and resources in making
 13 these communications. For example, Purdue spent more than \$200 million marketing OxyContin
 14 in 2001 alone.⁵⁶

15 **1. The Manufacturing Defendants aggressively deployed sales representatives
 16 to push their products.**

17 145. The Manufacturing Defendants communicated to prescribers directly in the form
 18 of in-person visits and communications from sales representatives.

19 146. The Manufacturing Defendants’ tactics through their sales representatives—also
 20 known as “detailers”—were particularly aggressive. In 2014, Manufacturing Defendants
 21 collectively spent well over \$100 million on detailing branded opioids to doctors.

22

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25 ⁵⁵ The specific misrepresentations and omissions are discussed below in Section D.

26 ⁵⁶ *Oxycontin: Balancing Risks and Benefits: Hearing of the S. Comm. on Health, Education, Labor and Pensions*,
 107th Cong. 2 (Feb. 12, 2002) (testimony of Paul Goldenheim, Vice President for Research, Purdue Pharma),
<https://www.gpo.gov/fdsys/pkg/CHRG-107shrg77770/html/CHRG-107shrg77770.htm>.

1 147. Each sales representative has a specific sales territory and is responsible for
 2 developing a list of about 105 to 140 physicians to call on who already prescribe opioids or who
 3 are candidates for prescribing opioids.

4 148. When Purdue launched OxyContin in 1996, its 300-plus sales force had a total
 5 physician call list of approximately 33,400 to 44,500. By 2000, nearly 700 representatives had a
 6 total call list of approximately 70,500 to 94,000 physicians. Each sales representative was
 7 expected to make about thirty-five physician visits per week and typically called on each
 8 physician every three to four weeks, while each hospital sales representative was expected to
 9 make about fifty physician visits per week and call on each facility every four weeks.⁵⁷

10 149. One of Purdue's early training memos compared doctor visits to "firing at a
 11 target," declaring that "[a]s you prepare to fire your 'message,' you need to know where to aim
 12 and what you want to hit!"⁵⁸ According to the memo, the target is physician resistance based on
 13 concern about addiction: "The physician wants pain relief for these patients without addicting
 14 them to an opioid."⁵⁹

15 150. Former sales representative Steven May, who worked for Purdue from 1999 to
 16 2005, explained to a journalist that the most common objection he heard about prescribing
 17 OxyContin was that "it's just too addictive."⁶⁰ In order to overcome that objection and hit their
 18 "target," May and other sales representatives were taught to say, "The delivery system is
 19 believed to reduce the abuse liability of the drug."⁶¹ May repeated that line to doctors even

20
 21

⁵⁷ *OxyContin Abuse and Diversion and Efforts to Address the Problem*, *supra* note 30, at 20.

22 ⁵⁸ Meier, *supra* note 15, at 102.

23 ⁵⁹ *Id.*

24 ⁶⁰ David Remnick, *How OxyContin Was Sold to the Masses* (Steven May interview with Patrick Radden Keefe),
 25 New Yorker (Oct. 27, 2017), <https://www.newyorker.com/podcast/the-new-yorker-radio-hour/how-oxycontin-was-sold-to-the-masses>.

26 ⁶¹ Patrick Radden Keefe, *The Family That Built an Empire of Pain*, New Yorker (Oct. 30, 2017),
 27 <https://www.newyorker.com/magazine/2017/10/30/the-family-that-built-an-empire-of-pain>; see also Meier, *supra*
 28 note 15, at 102 ("Delayed absorption, as provided by OxyContin tablets, is believed to reduce the abuse liability of
 29 the drug.").

1 though he “found out pretty fast that it wasn’t true.”⁶² He and his coworkers learned quickly that
 2 people were figuring out how to remove the time-releasing coating, but they continued making
 3 this misrepresentation until Purdue was forced to remove it from the drug’s label.

4 151. Purdue trained its sales representatives to misrepresent the addiction risk in other
 5 ways. May explained that he and his coworkers were trained to “refocus” doctors on “legitimate”
 6 pain patients, and to represent that “legitimate” patients would not become addicted. In addition,
 7 they were trained to say that the 12-hour dosing made the extended-release opioids less “habit-
 8 forming” than painkillers that need to be taken every four hours. Similarly, former Purdue sales
 9 manager William Gergely told a Florida state investigator in 2002 that sales representatives were
 10 instructed to say that OxyContin was “virtually non-addicting” and “non-habit-forming.”⁶³

11 152. As Shelby Sherman, a Purdue sales representative from 1974 to 1998, told a
 12 reporter regarding OxyContin promotion, “It was sell, sell, sell. We were directed to lie. Why
 13 mince words about it?”⁶⁴

14 153. The Manufacturing Defendants utilized lucrative bonus systems to encourage
 15 their sales representatives to stick to the script and increase opioid sales in their territories.
 16 Purdue paid \$40 million in sales incentive bonuses to its sales representatives in 2001 alone, with
 17 annual bonuses ranging from \$15,000 to nearly \$240,000.⁶⁵ The training memo described above,
 18 in keeping with a Wizard of Oz theme, reminded sales representatives: “A pot of gold awaits you
 19 ‘Over the Rainbow’!”⁶⁶

20 154. As noted above, these Defendants have also spent substantial sums to purchase,
 21 manipulate, and analyze prescription data available from IMS Health, which allows them to track

22 ⁶² Keefe, *supra* note 61.

23 ⁶³ Fred Schulte and Nancy McVicar, *Oxycontin Was Touted As Virtually Nonaddictive, Newly Released State*
 24 *Records Show*, Sun Sentinel (Mar. 6, 2003), http://articles.sun-sentinel.com/2003-03-06/news/0303051301_1_purdue-pharma-oxycontin-william-gergely.

25 ⁶⁴ Glazek, *supra* note 26.

26 ⁶⁵ Art Van Zee, M.D., *The Promotion and Marketing of OxyContin: Commercial Triumph, Public Health Tragedy*,
 99(2) Am J Public Health 221-27 (Feb. 2009), <https://www.ncbi.nlm.nih.gov/pmc/articles/PMC2622774/>.

⁶⁶ Meier, *supra* note 15, at 103.

1 initial prescribing and refill practices by individual doctors, and in turn to customize their
 2 communications with each doctor. The Manufacturing Defendants' use of this marketing data
 3 was a cornerstone of their marketing plan,⁶⁷ and continues to this day.

4 155. The Manufacturing Defendants also aggressively pursued family doctors and
 5 primary care physicians perceived to be susceptible to their marketing campaigns. The
 6 Manufacturing Defendants knew that these doctors relied on information provided by
 7 pharmaceutical companies when prescribing opioids, and that, as general practice doctors seeing
 8 a high volume of patients on a daily basis, they would be less likely to scrutinize the companies'
 9 claims.

10 156. Furthermore, the Manufacturing Defendants knew or should have known the
 11 doctors they targeted were often poorly equipped to treat or manage pain comprehensively, as
 12 they often had limited resources or time to address behavioral or cognitive aspects of pain
 13 treatment or to conduct the necessary research themselves to determine whether opioids were as
 14 beneficial as these Defendants claimed. In fact, the majority of doctors and dentists who
 15 prescribe opioids are not pain specialists. For example, a 2014 study conducted by pharmacy
 16 benefit manager Express Scripts reviewing narcotic prescription data from 2011 to 2012
 17 concluded that of the more than 500,000 prescribers of opioids during that time period, *only* 385
 18 were identified as pain specialists.⁶⁸

19 157. When the Manufacturing Defendants presented these doctors with sophisticated
 20 marketing material and apparently scientific articles that touted opioids' ability to easily and
 21 safely treat pain, many of these doctors began to view opioids as an efficient and effective way to
 22 treat their patients.

23 158. In addition, sales representatives aggressively pushed doctors to prescribe
 24 stronger doses of opioids. For example, one Purdue sales representative in Florida wrote about

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 26 ⁶⁷ Van Zee, *The Promotion and Marketing of OxyContin*, *supra* note 65.

⁶⁸ *A Nation in Pain*, Express Scripts (Dec. 9, 2014), <http://lab.express-scripts.com/lab/publications/a-nation-in-pain>.

1 working for a particularly driven regional manager named Chris Sposato and described how
 2 Sposato would drill the sales team on their upselling tactics:

3 It went something like this. "Doctor, what is the highest dose of OxyContin you
 4 have ever prescribed?" "20mg Q12h." "Doctor, if the patient tells you their pain
 5 score is still high you can increase the dose 100% to 40mg Q12h, will you do that?"
 6 "Okay." "Doctor, what if that patient then came back and said their pain score was
 7 still high, did you know that you could increase the OxyContin dose to 80mg Q12h,
 8 would you do that?" "I don't know, maybe." "Doctor, but you do agree that you
 9 would at least Rx the 40mg dose, right?" "Yes."

10 The next week the rep would see that same doctor and go through the same
 11 discussion with the goal of selling higher and higher doses of OxyContin. Miami
 12 District reps have told me that on work sessions with [Sposato] they would sit in
 13 the car and role play for as long as it took until [Sposato] was convinced the rep
 14 was delivering the message with perfection.

159. The Manufacturing Defendants used not only incentives but competitive pressure
 160 to push sales representatives into increasingly aggressive promotion. One Purdue sales
 161 representative recalled the following scene: "I remember sitting at a round table with others from
 162 my district in a regional meeting while everyone would stand up and state the highest dose that
 163 they had suckered a doctor to prescribe. The entire region!!"

160. Sales representatives knew that the prescription opioids they were promoting were
 161 dangerous. For example, May had only been at Purdue for two months when he found out that a
 162 doctor he was calling on had just lost a family member to an OxyContin overdose.⁶⁹ And as
 163 another sales representative wrote on a public forum:

164 Actions have consequences - so some patient gets Rx'd the 80mg OxyContin when
 165 they probably could have done okay on the 20mg (but their doctor got "sold" on
 166 the 80mg) and their teen son/daughter/child's teen friend finds the pill bottle and
 167 takes out a few 80's... next they're at a pill party with other teens and some kid
 168 picks out a green pill from the bowl... they go to sleep and don't wake up (because
 169 they don't understand respiratory depression) Stupid decision for a teen to
 170 make...yes... but do they really deserve to die?

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⁶⁹ Remnick, *supra* note 60.

1 161. The Marketing Defendants rewarded their sales representatives with bonuses
 2 when doctors whom they had detailed wrote prescriptions for their company's drug. Because of
 3 this incentive system, sales representatives stood to gain significant bonuses if they had a pill
 4 mill in their sales region.⁷⁰ Sales representatives could be sure that doctors and nurses at pill
 5 mills would be particularly receptive to their messages and incentives and receive "credit" for the
 6 many prescriptions these pill mills wrote.

7 162. As a result, sales representatives continued to promote opioids even at known pill
 8 mills, including in Washington State, such as Seattle Pain Clinic locations directed by Dr. Frank
 9 Li—who eventually had his medical license suspended for improperly prescribing opioids.
 10 During detailers' frequent visits to Dr. Li, they often noted circumstances that should have led
 11 them to discontinue sales calls and report Dr. Li and his staff to the appropriate authorities.
 12 Instead, they continued to target him for detailing visits that incited him to prescribe even more
 13 opioids, with disastrous consequences for public health.

14 163. In addition, detailers told providers at Dr. Li's clinic that the Washington State
 15 opioid prescription guidelines were wrong and overly conservative, including those related to
 16 calculating the relative strength of different brands of opioids. These detailers often urged
 17 Dr. Li's staff to give patients more opioids, and particular brands of opioids, even when this was
 18 incorrect or conflicted with Washington State guidelines or other medical information.

19 164. Purdue's sales call notes also repeatedly reference how busy Dr. Li and his staff
 20 were—which, combined with the exceptionally high number of opioid prescriptions written by
 21 Dr. Li, should have been another red flag that OxyContin and other opioids were likely being
 22 abused.

23 165. The Manufacturing Defendants' sales representatives also provided health care
 24 providers with pamphlets, visual aids, and other marketing materials designed to increase the rate

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⁷⁰ Indeed, Defendants often helped their sales representatives find and target such pill mills. As recently as 2016,
 26 Purdue commissioned a marketing study to help target Washington prescribers and spread its deceptive message
 regarding opioids, and on information and belief, utilized its sales representatives to carry out these strategies.

1 of opioids prescribed to patients. These sales representatives knew the doctors they visited relied
 2 on the information they provided, and that the doctors had minimal time or resources to
 3 investigate the materials' veracity independently.

4 166. The Manufacturing Defendants applied this combination of intense competitive
 5 pressure and lucrative financial incentives because they knew that sales representatives, with
 6 their frequent in-person visits with prescribers, were incredibly effective. In fact, manufacturers'
 7 internal documents reveal that they considered sales representatives their "most valuable
 8 resource."

9 **2. The Manufacturing Defendants bankrolled seemingly independent "front**
 10 **groups" to promote opioid use and fight restrictions on opioids.**

11 167. The Manufacturing Defendants funded, controlled, and operated third-party
 12 organizations that communicated to doctors, patients, and the public the benefits of opioids to
 13 treat chronic pain. These organizations—also known as "front groups"—appeared independent
 14 and unbiased. But in fact, they were but additional paid mouthpieces for the drug manufacturers.
 15 These front groups published prescribing guidelines and other materials that promoted opioid
 16 treatment as a way to address patients' chronic pain. The front groups targeted doctors, patients,
 17 and lawmakers, all in coordinated efforts to promote opioid prescriptions.

18 168. The Manufacturing Defendants spent significant financial resources contributing
 19 to and working with these various front groups to increase the number of opioid prescriptions
 20 written.

21 169. The most prominent front group utilized by the Manufacturing Defendants was
 22 the **American Pain Foundation** (APF), which received more than \$10 million from opioid drug
 23 manufacturers, including Defendants, from 2007 through 2012. For example, Purdue contributed
 24 \$1.7 million and Endo also contributed substantial sums to the APF.⁷¹

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⁷¹Charles Ornstein and Tracy Weber, *The Champion of Painkillers*, ProPublica (Dec. 23, 2011, 9:15am),
<https://www.propublica.org/article/the-champion-of-painkillers>.

1 170. Throughout its existence, APF's operating budget was almost entirely comprised
 2 of contributions from prescription opioid manufacturers. For instance, nearly 90% of APF's \$5
 3 million annual budget in 2010 came from "donations" from some of the Manufacturing
 4 Defendants, and by 2011, APF was entirely dependent on grants from drug manufacturers,
 5 including from Purdue and Endo. Not only did Defendants control APF's purse strings, APF's
 6 board of directors was comprised of doctors who were on Defendants' payrolls, either as
 7 consultants or speakers at medical events.⁷²

8 171. Although holding itself out as an independent advocacy group promoting patient
 9 well-being, APF consistently lobbied against federal and state proposals to limit opioid use.

10 172. Another prominent front group was the **American Academy of Pain Medicine**
 11 (AAPM), which has received over \$2.2 million in funding since 2009 from opioid drug
 12 manufacturers, including Defendants. Like APF, AAPM presented itself as an independent and
 13 non-biased advocacy group representing physicians practicing in the field of pain medicine, but
 14 in fact was just another mouthpiece the Manufacturing Defendants used to push opioids on
 15 doctors and patients.⁷³

16 173. Both the APF and the AAPM published treatment guidelines and sponsored and
 17 hosted medical education programs that touted the benefits of opioids to treat chronic pain while
 18 minimizing and trivializing their risks. The treatment guidelines the front groups published—
 19 many of which are discussed in detail below—were particularly important to Defendants in
 20 ensuring widespread acceptance for opioid therapy to treat chronic pain. Defendants realized,
 21 just as the CDC has, that such treatment guidelines can "change prescribing practices," because
 22 they appear to be unbiased sources of evidence-based information, even when they are in reality
 23 marketing materials.

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 25 ⁷² *Id.*

26 ⁷³ Tracy Weber and Charles Ornstein, *Two Leaders in Pain Treatment Have Long Ties to Drug Industry*, ProPublica
 (Dec. 23, 2011, 9:14am), <https://www.propublica.org/article/two-leaders-in-pain-treatment-have-long-ties-to-drug-industry>.

1 174. For instance, the AAPM, in conjunction with the **American Pain Society** (APS),
 2 issued comprehensive guidelines in 2009 titled “Guideline for the Use of Chronic Opioid
 3 Therapy in Chronic Noncancer Pain – Evidence Review” (“2009 Guidelines”). The 2009
 4 Guidelines promoted opioids as “safe and effective” for treating chronic pain, despite
 5 acknowledging limited evidence to support this statement. Unsurprisingly, the Manufacturing
 6 Defendants have widely referenced and promoted these guidelines, issued by front groups these
 7 Defendants funded and controlled. These 2009 Guidelines are still available online today.⁷⁴

8 175. The **Alliance for Patient Access** (APA), discussed above, was established in
 9 2006, along with the firm that runs it, Woodberry Associates LLC. The APA describes itself as
 10 “a national network of physicians dedicated to ensuring patient access to approved therapies and
 11 appropriate clinical care,” but its list of “Associate Members and Financial Supporters” contains
 12 thirty drug companies, including each of the Manufacturing Defendants named in this lawsuit. In
 13 addition, the APA’s board members include doctors who have received hundreds of thousands of
 14 dollars in payments from drug companies. As discussed above, the APA has been a vocal critic
 15 of policies restricting the flow of opioids and has supported efforts to curtail the DEA’s ability to
 16 stop suspicious orders of prescription drugs.

17 176. The “white paper” issued by the APA in 2013 also echoed a favorite narrative of
 18 the Manufacturing Defendants, the supposed distinction between “legitimate patients” on the one
 19 hand and “addicts” on the other, asserting that one “unintended consequence” of regulating pain
 20 medication would be that “[p]atients with legitimate medical needs feel stigmatized, treated like
 21 addicts.”⁷⁵

22 177. Another group utilized by the Manufacturing Defendants to encourage opioid
 23 prescribing practices, a University of Wisconsin-based organization known as the **Pain & Policy**

25 74 *Clinical Guideline for the Use of Chronic Opioid Therapy in Chronic Noncancer Pain*, Am. Pain Soc’y,
 26 <http://americanpainsociety.org/uploads/education/guidelines/chronic-opioid-therapy-cncp.pdf> (last visited August
 9, 2018).

75 *Prescription Pain Medication: Preserving Patient Access While Curbing Abuse*, *supra* note 42.

1 **Studies Group**, received \$2.5 million from pharmaceutical companies to promote opioid use and
 2 discourage the passing of regulations against opioid use in medical practice. The Pain & Policy
 3 Studies Group wields considerable influence over the nation's medical schools as well as within
 4 the medical field in general.⁷⁶ Purdue was the largest contributor to the Pain & Policy Studies
 5 Group, paying approximately \$1.6 million between 1999 and 2010.⁷⁷

6 178. The **Federation of State Medical Boards** (FSMB) of the United States is a
 7 national non-profit organization that represents the seventy-state medical and osteopathic boards
 8 of the United States and its territories and co-sponsors the United States Medical Licensing
 9 Examination. Beginning in 1997, FSMB developed model policy guidelines around the treatment
 10 of pain, including opioid use. The original initiative was funded by the Robert Wood Johnson
 11 Foundation, but subsequently AAPM, APS, the University of Wisconsin Pain & Policy Studies
 12 Group, and the American Society of Law, Medicine, & Ethics all made financial contributions to
 13 the project.

14 179. FSMB's 2004 *Model Policy* encourages state medical boards "to evaluate their
 15 state pain policies, rules, and regulations to identify *any regulatory restrictions or barriers that*
 16 *may impede the effective use of opioids* to relieve pain."⁷⁸ (Emphasis added).

17 180. One of the most significant barriers to convincing doctors that opioids were safe
 18 to prescribe to their patients for long-term treatment of chronic pain was the fact that many of
 19 those patients would, in fact, become addicted to opioids. If patients began showing up at their
 20 doctors' offices with obvious signs of addiction, the doctors would, of course, become concerned
 21 and likely stop prescribing opioids. And, doctors might stop believing the Manufacturing
 22 Defendants' claims that addiction risk was low.

23 ⁷⁶ *The Role of Pharmaceutical Companies in the Opioid Epidemic*, Addictions.com,
 24 <https://www.addictions.com/opiate/the-role-of-pharmaceutical-companies-in-the-opioid-epidemic/> (last visited
 August 9, 2018).

25 ⁷⁷ John Fauber, *UW group ends drug firm funds*, Journal Sentinel (Apr. 20, 2011),
<http://archive.jsonline.com/watchdog/watchdogreports/120331689.html>.

26 ⁷⁸ *Model Policy for the Use of Controlled Substances for the Treatment of Pain*, Fed'n of St. Med. Boards of the
 U.S., Inc. (May 2004), <http://www.painpolicy.wisc.edu/sites/www.painpolicy.wisc.edu/files/model04.pdf>.

1 181. To overcome this hurdle, the Manufacturing Defendants promoted a concept
 2 called “pseudoaddiction.” These Defendants told doctors that when their patients appeared to be
 3 addicted to opioids—for example, asking for more and higher doses of opioids, increasing doses
 4 themselves, or claiming to have lost prescriptions in order to get more opioids—this was not
 5 actual addiction. Rather, the Manufacturing Defendants told doctors what appeared to be classic
 6 signs of addiction were actually just signs of undertreated pain. The solution to this
 7 “pseudoaddiction”: more opioids. Instead of warning doctors of the risk of addiction and helping
 8 patients to wean themselves off of powerful opioids and deal with their actual addiction, the
 9 Manufacturing Defendants pushed even more dangerous drugs onto patients.

10 182. The FSMB’s *Model Policy* gave a scientific veneer to this fictional and overstated
 11 concept. The policy defines “pseudoaddiction” as “[t]he iatrogenic syndrome resulting from the
 12 misinterpretation of relief seeking behaviors as though they are drug-seeking behaviors that are
 13 commonly seen with addiction” and states that these behaviors “resolve upon institution of
 14 effective analgesic therapy.”⁷⁹

15 183. In May 2012, Senate Finance Committee Chairman Max Baucus and senior
 16 Committee member Chuck Grassley initiated an investigation into the connections of the
 17 Manufacturing Defendants with medical groups and physicians who have advocated increased
 18 opioid use.⁸⁰ In addition to Purdue, Endo, and Janssen, the senators sent letters to APF, APS,
 19 AAPM, FSMB, the University of Wisconsin Pain & Policy Studies Group, the Joint Commission
 20 on Accreditation of Healthcare Organization, and the Center for Practical Bioethics, requesting
 21 from each “a detailed account of all payments/transfers received from corporations and any

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⁷⁹ *Id.*

⁸⁰ *Baucus, Grassley Seek Answers about Opioid Manufacturers’ Ties to Medical Groups*, U.S. Senate Comm. on Fin. (May 8, 2012), <https://www.finance.senate.gov/chairmans-news/baucus-grassley-seek-answers-about-opioid-manufacturers-ties-to-medical-groups>.

1 related corporate entities and individuals that develop, manufacture, produce, market, or promote
 2 the use of opioid-based drugs from 1997 to the present.”⁸¹

3 184. On the same day as the senators’ investigation began, APP announced that it
 4 would “cease to exist, effective immediately.”⁸²

5 **3. “It was pseudoscience”: the Manufacturing Defendants paid prominent
 6 physicians to promote their products.**

7 185. The Manufacturing Defendants retained highly credentialed medical professionals
 8 to promote the purported benefits and minimal risks of opioids. Known as “Key Opinion
 9 Leaders” or “KOLs,” these medical professionals were often integrally involved with the front
 10 groups described above. The Manufacturing Defendants paid these KOLs substantial amounts to
 11 present at Continuing Medical Education (“CME”) seminars and conferences, and to serve on
 12 their advisory boards and on the boards of the various front groups.

13 186. The Manufacturing Defendants also identified doctors to serve as speakers or
 14 attend all-expense-paid trips to programs with speakers.⁸³ The Manufacturing Defendants used
 15 these trips and programs—many of them lavish affairs—to incentivize the use of opioids while
 16 downplaying their risks, bombarding doctors with messages about the safety and efficacy of
 17 opioids for treating long-term pain. Although often couched in scientific certainty, the
 18 Manufacturing Defendants’ messages were false and misleading, and helped to ensure that
 19 millions of Americans would be exposed to the profound risks of these drugs.

20 187. It is well documented that this type of pharmaceutical company symposium
 21 influences physicians’ prescribing, even though physicians who attend such symposia believe
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23 ⁸¹ Letter from U.S. Senate Comm. on Fin. to Am. Pain Found. (May 8, 2012),
 24 <https://www.finance.senate.gov/imo/media/doc/05092012%20Baucus%20Grassley%20Opioid%20Investigation%20Letter%20to%20American%20Pain%20Foundation2.pdf>.

25 ⁸² Charles Ornstein and Tracy Weber, *American Pain Foundation Shuts Down as Senators Launch Investigation of Prescription Narcotics*, ProPublica (May 8, 2012, 8:57pm), <https://www.propublica.org/article/senate-panel-investigates-drug-company-ties-to-pain-groups>.

26 ⁸³ Van Zee, *The Promotion and Marketing of OxyContin*, *supra* note 65.

1 that such enticements do not alter their prescribing patterns.⁸⁴ For example, doctors who were
 2 invited to these all-expenses-paid weekends in resort locations like Boca Raton, Florida, and
 3 Scottsdale, Arizona, wrote twice as many prescriptions as those who did not attend.⁸⁵

4 188. The KOLs gave the impression they were independent sources of unbiased
 5 information, while touting the benefits of opioids through their presentations, articles, and books.
 6 KOLs also served on committees and helped develop guidelines such as the 2009 Guidelines
 7 described above that strongly encouraged the use of opioids to treat chronic pain.

8 189. One of the most prominent KOLs for the Manufacturing Defendants' opioids was
 9 Dr. Russell Portenoy. A respected leader in the field of pain treatment, Dr. Portenoy was highly
 10 influential. Dr. Andrew Kolodny, cofounder of Physicians for Responsible Opioid Prescribing,
 11 described him "lecturing around the country as a religious-like figure. The megaphone for
 12 Portenoy is Purdue, which flies in people to resorts to hear him speak. It was a compelling
 13 message: 'Docs have been letting patients suffer; nobody really gets addicted; it's been
 14 studied.'"⁸⁶

15 190. As one organizer of CME seminars, who worked with Portenoy and Purdue,
 16 pointed out, "had Portenoy not had Purdue's money behind him, he would have published some
 17 papers, made some speeches, and his influence would have been minor. With Purdue's millions
 18 behind him, his message, which dovetailed with their marketing plans, was hugely magnified."⁸⁷

19 191. In recent years, some of the Manufacturing Defendants' KOLs have conceded that
 20 many of their past claims in support of opioid use lacked evidence or support in the scientific
 21 literature.⁸⁸ Dr. Portenoy himself specifically admitted that he overstated the drugs' benefits and

22 84 *Id.*

23 85 Harriet Ryan, Lisa Girion and Scott Glover, *OxyContin goes global — "We're only just getting started"*, Los
 24 Angeles Times (Dec. 18, 2016), <http://www.latimes.com/projects/la-me-oxycontin-part3/>.

25 86 Quinones, *supra* note 43, at 314.

26 87 *Id.* at 136.

27 88 See, e.g., John Fauber, *Painkiller boom fueled by networking*, Journal Sentinel (Feb. 18, 2012),
 28 <http://archive.jsonline.com/watchdog/watchdogreports/painkiller-boom-fueled-by-networking-dp3p2rn-139609053.html/> (finding that a key Endo KOL acknowledged that opioid marketing went too far).

1 glossed over their risks, and that he “gave innumerable lectures in the late 1980s and ‘90s about
 2 addiction that weren’t true.”⁸⁹ He mused, “Did I teach about pain management, specifically about
 3 opioid therapy, in a way that reflects misinformation? Well, against the standards of 2012, I
 4 guess I did . . . We didn’t know then what we know now.”⁹⁰

5 192. Dr. Portenoy did not need “the standards of 2012” to discern evidence-based
 6 science from baseless claims, however. When interviewed by journalist Barry Meier for his 2003
 7 book, *Pain Killer*, Dr. Portenoy was more direct: “It was pseudoscience. I guess I’m going to
 8 have always to live with that one.”⁹¹

9 193. Dr. Portenoy was perhaps the most prominent KOL for prescription opioids, but
 10 he was far from the only one. In fact, Dr. Portenoy and a doctor named Perry Fine co-wrote *A*
 11 *Clinical Guide to Opioid Analgesia*, which contained statements that conflict with the CDC’s
 12 *2016 Guideline for Prescribing Opioids for Chronic Pain*, such as the following examples
 13 regarding respiratory depression and addiction:

14 At clinically appropriate doses, . . . respiratory rate typically does not decline.
 15 Tolerance to the respiratory effects usually develops quickly, and doses can be
 16 steadily increased without risk.

17 Overall, the literature provides evidence that the outcomes of drug abuse and
 18 addiction are rare among patients who receive opioids for a short period (ie, for
 19 acute pain) and among those with no history of abuse who receive long-term
 20 therapy for medical indications.⁹²

21 194. Dr. Fine is a Professor of Anesthesiology at the University of Utah School of
 22 Medicine’s Pain Research Center. He has served on Purdue’s advisory board, provided medical
 23 legal consulting for Janssen, and participated in CME activities for Endo, along with serving in
 24 these capacities for several other drug companies. He co-chaired the APS-AAPM Opioid

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 26 ⁸⁹ Thomas Catan and Evan Perez, *A Pain-Drug Champion Has Second Thoughts*, Wall Street Journal (Dec. 17,
 2012, 11:36am), <https://www.wsj.com/articles/SB1000142412787324478304578173342657044604>.

⁹⁰ *Id.*

⁹¹ Meier, *supra* note 15, at 277.

⁹² Perry G. Fine, MD and Russell K. Portenoy, MD, *A Clinical Guide to Opioid Analgesia* 20 and 34, McGraw-Hill
 Companies (2004), <http://www.thblack.com/links/RSD/OpioidHandbook.pdf>.

1 Guideline Panel, served as treasurer of the AAPM from 2007 to 2010 and as president of that
 2 group from 2011 to 2013, and was also on the board of directors of APF.⁹³

3 195. In 2011, he and Dr. Scott Fishman, discussed below, published a letter in *JAMA*
 4 called “Reducing Opioid Abuse and Diversion,” which emphasized the importance of
 5 maintaining patient access to opioids.⁹⁴ The editors of *JAMA* found that both doctors had
 6 provided incomplete financial disclosures and made them submit corrections listing all of their
 7 ties to the prescription painkiller industry.⁹⁵

8 196. Dr. Fine also failed to provide full disclosures as required by his employer, the
 9 University of Utah. For example, Dr. Fine told the university that he had received under \$5,000
 10 in 2010 from Johnson & Johnson for providing “educational” services, but Johnson & Johnson’s
 11 website states that the company paid him \$32,017 for consulting, promotional talks, meals and
 12 travel that year.⁹⁶

13 197. In 2012, along with other KOLs, Dr. Fine was investigated for his ties to drug
 14 companies as part of the Senate investigation of front groups described above. When Marianne
 15 Skolek, a reporter for the online news outlet Salem-News.com and a critic of opioid overuse,
 16 wrote an article about him and another KOL being investigated, Dr. Fine fired back, sending a
 17 letter to her editor accusing her of poor journalism and saying that she had lost whatever
 18 credibility she may have had. He criticized her for linking him to Purdue, writing, “I have never
 19 had anything to do with Oxycontin development, sales, marketing or promotion; I have never

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 23 ⁹³ Scott M. Fishman, MD, *Incomplete Financial Disclosures in a Letter on Reducing Opioid Abuse and Diversion*, 306 (13) *JAMA* 1445 (Sept. 20, 2011), <https://jamanetwork.com/journals/jama/article-abstract/1104464?redirect=true>.

24 ⁹⁴ Perry G. Fine, MD and Scott M. Fishman, MD, *Reducing Opioid Abuse and Diversion*, 306 (4) *JAMA* 381 (July
 25 27, 2011), <https://jamanetwork.com/journals/jama/article-abstract/1104144?redirect=true>.

26 ⁹⁵ *Incomplete Financial Disclosures in: Reducing Opioid Abuse and Diversion*, 306 (13) *JAMA* 1446 (Oct. 5,
 27 2011), <https://jamanetwork.com/journals/jama/fullarticle/1104453>.

⁹⁶ Weber and Ornstein, *Two Leaders in Pain Treatment*, *supra* note 73.

1 been a Purdue Pharma speaker”—neglecting to mention, of course, that he served on Purdue’s
 2 advisory board, as the *JAMA* editors had previously forced him to disclose.⁹⁷

3 198. Another Utah physician, Dr. Lynn Webster, was the director of Lifetree Clinical
 4 Research & Pain Clinic in Salt Lake City from 1990 to 2010, and in 2013 was the president of
 5 AAPM (one of the front groups discussed above). Dr. Webster developed a five-question survey
 6 he called the Opioid Risk Tool, which he asserted would “predict accurately which individuals
 7 may develop aberrant behaviors when prescribed opioids for chronic pain.”⁹⁸ He published
 8 books titled *The Painful Truth: What Chronic Pain Is Really Like and Why It Matters to Each of*
 9 *Us and Avoiding Opioid Abuse While Managing Pain.*

10 199. Dr. Webster and the Lifetree Clinic were investigated by the DEA for
 11 overprescribing opioids after twenty patients died from overdoses. In keeping with the opioid
 12 industry’s promotional messages, Dr. Webster apparently believed the solution to patients’
 13 tolerance or addictive behaviors was more opioids: he prescribed staggering quantities of pills.
 14 Tina Webb, a Lifetree patient who overdosed in 2007, was taking as many as thirty-two pain
 15 pills a day in the year before she died, all while under doctor supervision.⁹⁹ Carol Ann Bosley,
 16 who sought treatment for pain at Lifetree after a serious car accident and multiple spine
 17 surgeries, quickly became addicted to opioids and was prescribed increasing quantities of pills; at
 18 the time of her death, she was on seven different medications totaling approximately 600 pills a
 19 month.¹⁰⁰ Another woman, who sought treatment from Lifetree for chronic low back pain and
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22 ⁹⁷ Marianne Skolek, *Doctor Under Senate Investigation Lashes Out at Journalist*, Salem News (Aug. 12, 2012,
 23 8:45pm), <http://www.salem-news.com/articles/august122012/perry-fine-folo-ms.php>.

24 ⁹⁸ Lynn Webster and RM Webster, *Predicting aberrant behaviors in opioid-treated patients: preliminary validation*
 25 *of the Opioid Risk Tool* 6 (6) Pain Med. 432 (Nov.-Dec. 2005), <https://www.ncbi.nlm.nih.gov/pubmed/16336480>.

26 ⁹⁹ Jesse Hyde and Daphne Chen, *The untold story of how Utah doctors and Big Pharma helped drive the national*
 27 *opioid epidemic*, Deseret News (Oct. 26, 2017, 12:01am), <https://www.deseretnews.com/article/900002328/the-untold-story-of-how-utah-doctors-and-big-pharma-helped-drive-the-national-opioid-epidemic.html>.

¹⁰⁰ Stephanie Smith, *Prominent pain doctor investigated by DEA after patient deaths*, CNN (Dec. 20, 2013,
 7:06am), <http://www.cnn.com/2013/12/20/health/pain-pillar/index.html>.

1 headaches, died at age forty-two after Lifetree clinicians increased her prescriptions to fourteen
 2 different drugs, including multiple opioids, for a total of 1,158 pills a month.¹⁰¹

3 200. By these numbers, Lifetree resembles the pill mills and “bad actors” that the
 4 Manufacturing Defendants blame for opioid overuse. But Dr. Webster was an integral part of
 5 Defendants’ marketing campaigns, a respected pain specialist who authored numerous CMEs
 6 sponsored by Endo and Purdue. And the Manufacturing Defendants promoted his Opioid Risk
 7 Tool and similar screening questionnaires as measures that allow powerful opioids to be
 8 prescribed for chronic pain.

9 201. Even in the face of patients’ deaths, Dr. Webster continues to promote a pro-
 10 opioid agenda, even asserting that alternatives to opioids are risky because “[i]t’s not hard to
 11 overdose on NSAIDs or acetaminophen.”¹⁰² He argued on his website in 2015 that DEA
 12 restrictions on the accessibility of hydrocodone harm patients, and in 2017 tweeted in response to
 13 CVS Caremark’s announcement that it will limit opioid prescriptions that “CVS Caremark’s new
 14 opioid policy is wrong, and it won’t stop illegal drugs.”¹⁰³

15 202. Another prominent KOL is Dr. Scott M. Fishman, the Chief of the Department of
 16 Pain Medicine at University of California, Davis. He has served as president of APF and AAPM,
 17 and as a consultant and a speaker for Purdue, in addition to providing the company grant and
 18 research support. He also has had financial relationships with Endo and Janssen. He wrote a
 19 book for the FSMB called *Responsible Opioid Use: A Physician’s Guide*, which was distributed
 20 to over 165,000 physicians in the U.S.

21 203. Dr. Fishman and Dr. Fine, along with Dr. Seddon Savage, published an editorial
 22 in the Seattle Times in 2010, arguing that Washington legislation proposed to combat

23 ¹⁰¹ *Id.*

24 ¹⁰² APF releases opioid medication safety module, Drug Topics (May 10, 2011),
 25 <http://drugtopics.modernmedicine.com/drug-topics/news/modernmedicine/modern-medicine-news/apf-releases-opioid-medication-safety-module>.

26 ¹⁰³ Lynn Webster, MD (@LynnRWebsterMD), Twitter (Dec. 7, 2017, 5:45pm),
<https://twitter.com/LynnRWebsterMD/status/938887130545360898>.

1 prescription opioid abuse would harm patients, in particular by requiring chronic pain patients to
 2 consult with a pain specialist before receiving a prescription for a moderate to high dose of an
 3 opioid.¹⁰⁴

4 204. These KOLs and others—respected specialists in pain medicine—proved to be
 5 highly effective spokespeople for the Manufacturing Defendants.

6 **4. The Manufacturing Defendants used “unbranded” advertising as a platform
 7 for their misrepresentations about opioids.**

8 205. The Manufacturing Defendants also aggressively promoted opioids through
 9 “unbranded advertising” to generally tout the benefits of opioids without specifically naming a
 10 particular brand-name opioid drug. Instead, unbranded advertising is usually framed as “disease
 11 awareness”—encouraging consumers to “talk to your doctor” about a certain health condition
 12 without promoting a specific product. A trick often used by pharmaceutical companies,
 13 unbranded advertising gives the pharmaceutical companies considerable leeway to make
 14 sweeping claims about health conditions or classes of drugs. In contrast, a “branded”
 15 advertisement that identifies a specific medication and its indication (i.e., the condition which the
 16 drug is approved to treat) must also include possible side effects and contraindications—what the
 17 FDA Guidance on pharmaceutical advertising refers to as “fair balance.” Branded advertising is
 18 also subject to FDA review for consistency with the drug’s FDA-approved label.

19 206. Unbranded advertising allows pharmaceutical manufacturers to sidestep those
 20 requirements; “fair balance” and consistency with a drug’s label are not required.

21 207. By engaging in unbranded advertising, the Manufacturing Defendants were and
 22 are able to avoid FDA review and issue general statements to the public including that opioids
 23 improve function, that addiction usually does not occur, and that withdrawal can easily be

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 26 ¹⁰⁴ Perry G. Fine, Scott M. Fishman, and Seddon R. Savage, *Bill to combat prescription abuse really will harm patients in pain*, Seattle Times (Mar. 16, 2010, 4:39pm),
http://old.seattletimes.com/html/opinion/2011361572_guest17fine.html.

1 managed. The Manufacturing Defendants' unbranded advertisements either did not disclose the
 2 risks of addiction, abuse, misuse, and overdose, or affirmatively denied or minimized those risks.

3 208. Through the various marketing channels described above—all of which the
 4 Manufacturing Defendants controlled, funded, and facilitated, and for which they are legally
 5 responsible—these Defendants made false or misleading statements about opioids despite the
 6 lack of scientific evidence to support their claims, while omitting the true risk of addiction and
 7 death.

8 **D. Specific Misrepresentations Made by the Manufacturing Defendants.**

9 209. All the Manufacturing Defendants have made and/or continue to make false or
 10 misleading claims in the following areas: (1) the low risk of addiction to opioids, (2) opioids'
 11 efficacy for chronic pain and ability to improve patients' quality of life with long-term use, (3)
 12 the lack of risk associated with higher dosages of opioids, (4) the need to prescribe more opioids
 13 to treat withdrawal symptoms, and (5) that risk-mitigation strategies and abuse-deterring
 14 technologies allow doctors to safely prescribe opioids for chronic use. These illustrative but non-
 15 exhaustive categories of the Manufacturing Defendants' misrepresentations about opioids are
 16 described in detail below.

17 1. **The Manufacturing Defendants falsely claimed that the risk of opioid abuse
 18 and addiction was low.**

19 210. Collectively, the Manufacturing Defendants have made a series of false and
 20 misleading statements about the low risk of addiction to opioids over the past twenty years. The
 21 Manufacturing Defendants have also failed to take sufficient remedial measures to correct their
 22 false and misleading statements.

23 211. The Manufacturing Defendants knew that many physicians were hesitant to
 24 prescribe opioids other than for acute or cancer-related pain because of concerns about addiction.
 25 Because of this general perception, sales messaging about the low risk of addiction was a
 26 fundamental prerequisite misrepresentation.

1 212. Purdue launched OxyContin in 1996 with the statement that OxyContin's
 2 patented continuous-release mechanism "is believed to reduce the abuse liability." This
 3 statement, which appeared in OxyContin's label and which sales representatives were taught to
 4 repeat verbatim, was unsupported by any studies, and was patently false. The continuous-release
 5 mechanism was simple to override, and the drug correspondingly easy to abuse. This fact was
 6 known, or should have been known, to Purdue prior to its launch of OxyContin, because people
 7 had been circumventing the same continuous-release mechanism for years with MS Contin,
 8 which in fact commanded a high street price because of the dose of pure narcotic it delivered. In
 9 addition, with respect to OxyContin, Purdue researchers notified company executives, including
 10 Raymond and Richard Sackler, by email that patients in their clinical trials were abusing the drug
 11 despite the timed-release mechanism.¹⁰⁵

12 213. In 2007, as noted above, Purdue pleaded guilty to misbranding a drug, a felony
 13 under the Food, Drug, and Cosmetic Act. 21 U.S.C. § 331(a)(2). As part of its guilty plea,
 14 Purdue agreed that certain Purdue supervisors and employees had, "with the intent to defraud or
 15 mislead, marketed and promoted OxyContin as less addictive, less subject to abuse and
 16 diversion, and less likely to cause tolerance and withdrawal than other pain medications" in the
 17 following ways:

18 Trained PURDUE sales representatives and told some health care providers that it
 19 was more difficult to extract the oxycodone from an OxyContin tablet for the
 20 purpose of intravenous abuse, although PURDUE's own study showed that a drug
 21 abuser could extract approximately 68% of the oxycodone from a single 10mg
 OxyContin tablet by crushing the tablet, stirring it in water, and drawing the
 solution through cotton into a syringe;

22 Told PURDUE sales representatives they could tell health care providers that
 23 OxyContin potentially creates less chance for addiction than immediate-release
 opioids;

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¹⁰⁵ WBUR On Point interview, *supra* note 21.

1 Sponsored training that taught PURDUE sales supervisors that OxyContin had
 2 fewer “peak and trough” blood level effects than immediate-release opioids
 resulting in less euphoria and less potential for abuse than short-acting opioids;

3 Told certain health care providers that patients could stop therapy abruptly without
 4 experiencing withdrawal symptoms and that patients who took OxyContin would
 not develop tolerance to the drug; and

5 Told certain health care providers that OxyContin did not cause a “buzz” or
 6 euphoria, caused less euphoria, had less addiction potential, had less abuse
 7 potential, was less likely to be diverted than immediate-release opioids, and could
 be used to “weed out” addicts and drug seekers.¹⁰⁶

8 214. All of these statements were false and misleading. But Purdue had not stopped
 9 there. Purdue—and later the other Defendants—manipulated scientific research and utilized
 10 respected physicians as paid spokespeople to convey its misrepresentations about low addiction
 11 risk in much more subtle and pervasive ways, so that the idea that opioids used for chronic pain
 12 posed a low addiction risk became so widely accepted in the medical community that Defendants
 13 were able to continue selling prescription opioids for chronic pain—even after Purdue’s criminal
 14 prosecution.

15 215. When it launched OxyContin, Purdue knew it would need data to overcome
 16 decades of wariness regarding opioid use. It needed some sort of research to back up its
 17 messaging. But Purdue had not conducted any studies about abuse potential or addiction risk as
 18 part of its application for FDA approval for OxyContin. Purdue (and, later, the other Defendants)
 19 found this “research” in the form of a one-paragraph letter to the editor published in the *New*
 20 *England Journal of Medicine* (NEJM) in 1980.

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 26 ¹⁰⁶ *United States v. Purdue Frederick Co.*, *supra* note 27; see also, Plea Agreement, *United States v. Purdue*
Frederick Co., No. 1:07-cr-00029 (W.D. Va. May 10, 2007).

216. This letter, by Dr. Hershel Jick and Jane Porter, declared the incidence of addiction “rare” for patients treated with opioids.¹⁰⁷ They had analyzed a database of hospitalized patients who were given opioids in a controlled setting to ease suffering from acute pain. These patients were not given long-term opioid prescriptions or provided opioids to administer to themselves at home, nor was it known how frequently or infrequently and in what doses the patients were given their narcotics. Rather, it appears the patients were treated with opioids for short periods of time under in-hospital doctor supervision.

ADDICTION RARE IN PATIENTS TREATED WITH NARCOTICS

To the Editor: Recently, we examined our current files to determine the incidence of narcotic addiction in 39,946 hospitalized medical patients¹ who were monitored consecutively. Although there were 11,882 patients who received at least one narcotic preparation, there were only four cases of reasonably well documented addiction in patients who had no history of addiction. The addiction was considered major in only one instance. The drugs implicated were meperidine in two patients,² Percodan in one, and hydromorphone in one. We conclude that despite widespread use of narcotic drugs in hospitals, the development of addiction is rare in medical patients with no history of addiction.

JANE PORTER
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Boston Collaborative Drug
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Boston University Medical Center
Waltham, MA 02154

1. Jick H, Miettinen OS, Shapiro S, Lewis GP, Siskind Y, Slone D. Comprehensive drug surveillance. *JAMA*. 1970; 213:1455-60.
 2. Miller RR, Jick H. Clinical effects of meperidine in hospitalized medical patients. *J Clin Pharmacol*. 1978; 18:180-8.

217. As Dr. Jick explained to a journalist years later, he submitted the statistics to NEJM as a letter because the data were not robust enough to be published as a study, and that one could not conclude anything about long-term use of opioids from his figures.¹⁰⁸ Dr. Jick also recalled that no one from drug companies or patient advocacy groups contacted him for more information about the data.¹⁰⁹

¹⁰⁷ Jane Porter and Herschel Jick, MD, *Addiction Rare in Patients Treated with Narcotics*, 302(2) N Engl J Med. 123 (Jan. 10, 1980), <http://www.nejm.org/doi/pdf/10.1056/NEJM198001103020221>.

¹⁰⁸ Meier, *supra* note 15, at 174.

109 *Id*

1 218. Nonetheless, the Manufacturing Defendants regularly invoked this letter as proof
 2 of the low addiction risk in connection with taking opioids despite its obvious shortcomings.
 3 These Defendants' egregious misrepresentations based on this letter included claims that *less*
 4 *than one percent* of opioid users become addicted.

5 219. The limited facts of the study did not deter the Manufacturing Defendants from
 6 using it as definitive proof of opioids' safety. The enormous impact of the Manufacturing
 7 Defendants' misleading amplification of this letter was well documented in another letter
 8 published in NEJM on June 1, 2017, describing the way the one-paragraph 1980 letter had been
 9 irresponsibly cited and in some cases "grossly misrepresented." In particular, the authors of this
 10 letter explained:

11 [W]e found that a five-sentence letter published in the *Journal* in 1980 was heavily
 12 and uncritically cited as evidence that addiction was rare with long-term opioid
 13 therapy. We believe that this citation pattern contributed to the North American
 14 opioid crisis by helping to shape a narrative that allayed prescribers' concerns about
 15 the risk of addiction associated with long-term opioid therapy . . .¹¹⁰

16 220. Unfortunately, by the time of this analysis and the CDC's findings in 2016, the
 17 damage had already been done. "It's difficult to overstate the role of this letter," said Dr. David
 18 Juurlink of the University of Toronto, who led the analysis. "It was the key bit of literature that
 19 helped the opiate manufacturers convince front-line doctors that addiction is not a concern."¹¹¹

20 221. The Manufacturing Defendants successfully manipulated the 1980 Porter and Jick
 21 letter as the "evidence" supporting their fundamental misrepresentation that the risk of opioid
 22 addiction was low when opioids were prescribed to treat pain. For example, in its 1996 press
 23 release announcing the release of OxyContin, Purdue advertised that the "fear of addiction is
 24 exaggerated" and quoted the chairman of the American Pain Society Quality of Care Committee,
 25

26¹¹⁰ Pamela T.M. Leung, B.Sc. Pharm., Erin M. Macdonald, M.Sc., Matthew B. Stanbrook, M.D., Ph.D., Irfan Al
 27 Dhalla, M.D., David N. Juurlink, M.D., Ph.D., *A 1980 Letter on the Risk of Opioid Addiction*, 376 N Engl J Med
 28 2194-95 (June 1, 2017), <http://www.nejm.org/doi/full/10.1056/NEJMc1700150#t=article>.

¹¹¹ *Painful words: How a 1980 letter fueled the opioid epidemic*, STAT News (May 31, 2017),
<https://www.statnews.com/2017/05/31/opioid-epidemic-nejm-letter/>.

1 who claimed that "there is very little risk of addiction from the proper uses of these [opioid]
2 drugs for pain relief."¹¹²

3
4 PR Newswire

5 May 31, 1996, Friday - 15:47 Eastern Time

6
7 **NEW HOPE FOR MILLIONS OF AMERICANS SUFFERING FROM
PERSISTENT**

8
9 **The fear of addiction is exaggerated.**

10 One cause of patient resistance to appropriate pain treatment -- the
fear of addiction -- is largely unfounded. According to Dr. Max,
11 "Experts agree that most pain caused by surgery or cancer can be
relieved, primarily by carefully adjusting the dose of opioid
(narcotic) pain reliever to each patient's need, and that there is very
12 little risk of addiction from the proper uses of these drugs for pain
relief."

13 Paul D. Goldenheim, M.D., Vice President of **Purdue Pharma L.P.** in
Norwalk, Connecticut, agrees with this assessment. "Proper use of
14 medication is an essential weapon in the battle against persistent
pain. But too often fear, misinformation and poor communication stand
in the way of their legitimate use."

15 222. Dr. Portenoy, the Purdue KOL mentioned previously, also stated in a promotional
16 video from the 1990s that "the likelihood that the treatment of pain using an opioid drug which is
17 prescribed by a doctor will lead to addiction is extremely low."¹¹³

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112 Press Release, OxyContin, *New Hope for Millions of Americans Suffering from Persistent Pain: Long-Acting
OxyContin Tablets Now Available to Relieve Pain* (May 31, 1996, 3:47pm),
<http://documents.latimes.com/oxycontin-press-release-1996/>.

113 Catan and Perez, *supra* note 89.



223. Purdue also specifically used the Porter and Jick letter in its 1998 promotional video, "I got my life back," in which Dr. Alan Spanos says, "In fact, the rate of addiction amongst pain patients who are treated by doctors is *much less than 1%*."¹¹⁴



224. The Porter and Jick letter was also used on Purdue's "Partners Against Pain" website, which was available in the early 2000s, where Purdue claimed that the addiction risk with OxyContin was very low.¹¹⁵

25 ¹¹⁴ Our Amazing World, *Purdue Pharma OxyContin Commercial*, <https://www.youtube.com/watch?v=Er78Dj5hyel> (last visited August 9, 2018) (emphasis added).

26 ¹¹⁵ Van Zee, *The Promotion and Marketing of OxyContin*, *supra* note 65.

1 225. The Porter and Jick letter was used frequently in literature given to prescribing
 2 physicians and to patients who were prescribed OxyContin.¹¹⁶

3 226. In addition to the Porter and Jick letter, the Manufacturing Defendants
 4 exaggerated the significance of a study published in 1986 regarding cancer patients treated with
 5 opioids. Conducted by Dr. Portenoy and another pain specialist, Dr. Kathleen Foley, the study
 6 involved only 38 patients, who were treated for non-malignant cancer pain with low doses of
 7 opioids (the majority were given less than 20 MME/day, the equivalent of only 13 mg of
 8 oxycodone).¹¹⁷ Of these thirty-eight patients, only two developed problems with opioid abuse,
 9 and Dr. Portenoy and Dr. Foley concluded that “opioid maintenance therapy can be a safe,
 10 salutary and more humane alternative to the options of surgery or no treatment in those patients
 11 with intractable non-malignant pain and no history of drug abuse.”¹¹⁸ Notwithstanding the small
 12 sample size, low doses of opioids involved, and the fact that all the patients were cancer patients,
 13 the Manufacturing Defendants used this study as “evidence” that high doses of opioids were safe
 14 for the treatment of chronic non-cancer pain.

15 227. The Manufacturing Defendants’ repeated misrepresentations about the low risk of
 16 opioid addiction were so effective that this concept became part of the conventional wisdom. Dr.
 17 Nathaniel Katz, a pain specialist, recalls learning in medical school that previous fears about
 18 addiction were misguided, and that doctors should feel free to allow their patients the pain relief
 19 that opioids can provide. He did not question this until one of his patients died from an overdose.
 20 Then, he searched the medical literature for evidence of the safety and efficacy of opioid
 21 treatment for chronic pain. “There’s not a shred of research on the issue. All these so-called
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24 ¹¹⁶ Art Van Zee, M.D., *The OxyContin Abuse Problem: Spotlight on Purdue Pharma’s Marketing* (Aug. 22, 2001),
 25 <https://web.archive.org/web/20170212210143/https://www.fda.gov/ohrms/dockets/dockets/01n0256/c000297-A.pdf>.

26 ¹¹⁷ Russell K. Portenoy and Kathleen M. Foley, *Chronic Use of Opioid Analgesics in Non-Malignant Pain: Report of 38 Cases*, 25 Pain 171-86 (1986), <https://www.ncbi.nlm.nih.gov/pubmed/2873550>.

118 *Id.*

1 experts in pain are dedicated and have been training me that opioids aren't as addictive as we
 2 thought. But what is that based on? It was based on nothing.”¹¹⁹

3 228. At a hearing before the House of Representatives’ Subcommittee on Oversight
 4 and Investigations of the Committee on Energy and Commerce in August 2001, Purdue
 5 continued to emphasize “legitimate” treatment, dismissing cases of overdose and death as
 6 something that would not befall “legitimate” patients: “Virtually all of these reports involve
 7 people who are abusing the medication, not patients with legitimate medical needs under the
 8 treatment of a healthcare professional.”¹²⁰

9 229. Purdue spun this baseless “legitimate use” distinction out even further in a patient
 10 brochure about OxyContin, called “A Guide to Your New Pain Medicine and How to Become a
 11 Partner Against Pain.” In response to the question, “Aren’t opioid pain medications like
 12 OxyContin Tablets ‘addicting’? Even my family is concerned about this,” Purdue claimed that
 13 there was no need to worry about addiction if taking opioids for legitimate, “medical” purposes:
 14 Drug addiction means using a drug to get “high” rather than to relieve pain. You
 15 are taking opioid pain medication for medical purposes. The medical purposes are
 clear and the effects are beneficial, not harmful.

16 230. Similarly, Dr. David Haddox, Senior Medical Director for Purdue, cavalierly
 17 stated, “[w]hen this medicine is used appropriately to treat pain under a doctor’s care, it is not
 18 only effective, it is safe.”¹²¹ He went so far as to compare OxyContin to celery, because even
 19 celery would be harmful if injected: “If I gave you a stalk of celery and you ate that, it would be
 20 healthy for you. But if you put it in a blender and tried to shoot it into your veins, it would not be
 21 good.”¹²²

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 23 ¹¹⁹ Quinones, *supra* note 43, at 188-89.

24 ¹²⁰ *Oxycontin: Its Use and Abuse: Hearing Before the H. Subcomm. on Oversight and Investigations of the Comm.*
 25 *on Energy and Commerce*, 107th Cong. 1 (Aug. 28, 2001) (statement of Michael Friedman, Executive Vice
 President, Chief Operating Officer, Purdue Pharma, L.P.), <https://www.gpo.gov/fdsys/pkg/CHRG-107hrg75754/html/CHRG-107hrg75754.htm>.

26 ¹²¹ Roger Alford, *Deadly OxyContin abuse expected to spread in the U.S.*, Charleston Gazette, Feb. 9, 2001.

¹²² *Id.*

1 231. Purdue sales representatives also repeated these misstatements regarding the low
 2 risk for addiction to doctors across the country.¹²³ Its sales representatives targeted primary care
 3 physicians in particular, downplaying the risk of addiction and, as one doctor observed,
 4 “promot[ing] among primary care physicians a more liberal use of opioids.”¹²⁴

5 232. Purdue sales representatives were instructed to “distinguish between iatrogenic
 6 addiction (<1% of patients) and substance abusers/diversion (about 10% of the population abuse
 7 something: weed; cocaine; heroin; alcohol; valium; etc.).”¹²⁵

8 233. Purdue also marketed OxyContin for a wide variety of conditions and to doctors
 9 who were not adequately trained in pain management.¹²⁶

10 234. As of 2003, Purdue’s Patient Information guide for OxyContin contained the
 11 following language regarding addiction:

12 Concerns about abuse, addiction, and diversion should not prevent the proper management of pain.
 13 The development of addiction to opioid analgesics in properly managed patients with pain has been
 14 reported to be rare. However, data are not available to establish the true incidence of addiction in
 chronic pain patients.

15 235. Although Purdue has acknowledged it has made some misrepresentations about
 16 the safety of its opioids,¹²⁷ it has done nothing to address the ongoing harms of their
 17 misrepresentations; in fact, it continues to make those misrepresentations today.

18 236. Defendant Endo also made dubious claims about the low risk of addiction. For
 19 instance, it sponsored a website, PainKnowledge.com, on which in 2009 it claimed that “[p]eople

21 ¹²³ Barry Meier, *In Guilty Plea, OxyContin Maker to Pay \$600 Million*, New York Times (May 10, 2007),
<http://www.nytimes.com/2007/05/10/business/11drug-web.html>.

22 ¹²⁴ Van Zee, *The Promotion and Marketing of OxyContin*, *supra* note 65.

23 ¹²⁵ Meier, *supra* note 15, at 269.

24 ¹²⁶ *OxyContin Abuse and Diversion and Efforts to Address the Problem*, *supra* note 30.

25 ¹²⁷ Following the conviction in 2007 of three of its executives for misbranding OxyContin, Purdue released a
 26 statement in which they acknowledged their false statements. “Nearly six years and longer ago, some employees
 made, or told other employees to make, certain statements about OxyContin to some health care professionals that
 were inconsistent with the F.D.A.-approved prescribing information for OxyContin and the express warnings it
 contained about risks associated with the medicine. The statements also violated written company policies
 requiring adherence to the prescribing information.”

who take opioids as prescribed usually do not become addicted.”¹²⁸ The website has since been taken down.

237. In another website, PainAction.com—which is still currently available today—
Endo also claimed that “most chronic pain patients do not become addicted to the opioid
medications that are prescribed for them.”¹²⁹

238. In a pamphlet titled "Understanding Your Pain: Taking Oral Opioid Analgesics," Endo assured patients that addiction is something that happens to people who take opioids for reasons other than pain relief, "such as unbearable emotional problems"¹³⁰:

Some questions you may have are:

Is it wrong to take opioids for pain?

- ◆ No. Pain relief is an important medical reason to take opioids as prescribed by your doctor. Addicts take opioids for other reasons, such as unbearable emotional problems. Taking opioids as prescribed for pain relief is not addiction.

How can I be sure I'm not addicted?

- ◆ Addiction to an opioid would mean that your pain has gone away but you still take the medicine regularly when you don't need it for pain, maybe just to escape from your problems.
 - ◆ Ask yourself: Would I want to take this medicine if my pain went away? If you answer no, you are taking opioids for the right reasons—to relieve your pain and improve your function. You are not addicted.

¹²⁸ German Lopez, *The growing number of lawsuits against opioid companies, explained*, Vox (Feb. 27, 2018, 2:25pm), <https://www.vox.com/policy-and-politics/2017/6/7/15724054/opioid-companies-epidemic-lawsuits>.

¹²⁹ *Opioid medication and addiction*, Pain Action (Aug. 17, 2017), <https://www.painaction.com/opioid-medication-addiction/>.

¹³⁰ *Understanding Your Pain: Taking Oral Opioid Analgesics*, Endo Pharmas. (2004), http://www.thblack.com/links/RSD/Understand_Pain_Opioid_Analgesics.pdf.

239. In addition, Endo made statements in pamphlets and publications that most health care providers who treat people with pain agree that most people do not develop an addiction problem. These statements also appeared on websites sponsored by Endo, such as Opana.com.

240. In its currently active website, PrescribeResponsibly.com, Defendant Janssen states that concerns about opioid addiction are “overestimated” and that “true addiction occurs only in a small percentage of patients.”¹³¹

Use of Opioid Analgesics in Pain Management



Other Opioid Analgesic Concerns

Aside from medical issues related to opioid analgesics, there are nonmedical issues that may have an impact on prescribing patterns and patient use of these drugs. Practitioners are often concerned about prescribing opioid analgesics due to potential legal issues and questions of addiction.^{15,16} By the same token, patients report similar concerns about developing an addiction to opioid analgesics.¹⁷ While these concerns are not without some merit, it would appear that they are often overestimated. According to clinical opinion polls, true addiction occurs only in a small percentage of patients with chronic pain who receive chronic opioid analgesics analgesic therapy.¹⁸



¹³¹ Keith Candiotti, M.D., *Use of Opioid Analgesics in Pain Management*, Prescribe Responsibly, <http://www.prescriberesponsibly.com/articles/opioid-pain-management> (last modified July 2, 2015).

1 241. Similarly, in a 2009 patient education video titled “Finding Relief: Pain
 2 Management for Older Adults,” Janssen sponsored a video by the American Academy of Pain
 3 Medicine that indicated that opioids are rarely addictive. The video has since been taken
 4 down.¹³²

5 242. Janssen also approved and distributed a patient education guide in 2009 that
 6 attempted to counter the “myth” that opioids are addictive, claiming that “[m]any studies show
 7 that opioids are rarely addictive when used properly for the management of chronic pain.”¹³³

8 243. In addition, all the Manufacturing Defendants used third parties and front groups
 9 to further their false and misleading statements about the safety of opioids.

10 244. For example, in testimony for the Hearing to Examine the Effects of the Painkiller
 11 OxyContin, Focusing on Risks and Benefits, in front of the Senate Health, Education, Labor and
 12 Pensions Committee in February 2002, Dr. John D. Giglio, Executive Director of the APF, the
 13 organization which, as described above, received the majority of its funding from opioid
 14 manufacturers, including Purdue, stated that “opioids are safe and effective, and only in rare
 15 cases lead to addiction.”¹³⁴ Along with Dr. Giglio’s testimony, the APF submitted a short
 16 background sheet on “the scope of the undertreatment of pain in the U.S.,” which asserted that
 17 “opioids are often the best” treatment for pain that hasn’t responded to other techniques, but that
 18 patients and many doctors “lack even basic knowledge about these options and fear that powerful
 19 pain drugs will [c]ause addiction.” According to the APF, “most studies show that less than 1%
 20 of patients become addicted, which is medically different from becoming physically
 21 dependent.”¹³⁵

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¹³² Molly Huff, *Finding Relief: Pain Management for Older Adults*, Ctrs. for Pain Mgmt. (Mar. 9, 2011),
<http://www.managepaintoday.com/news/-Finding-Relief-Pain-Management-for-Older-Adults>.

24 ¹³³ Lopez, *supra* note 128.

25 ¹³⁴ *Oxycontin: Balancing Risks and Benefits: Hearing of the S. Comm. on Health, Education, Labor and Pensions*,
 107th Cong. 2 (Feb. 12, 2002) (testimony of John D. Giglio, M.A., J.D., Executive Director, American Pain
 Foundation), <https://www.help.senate.gov/imo/media/doc/Giglio.pdf>.

26 ¹³⁵ *Id.*

1 245. The APF further backed up Purdue in an amicus curiae brief filed in an Ohio
 2 appeals court in December 2002, in which it claimed that “medical leaders have come to
 3 understand that the small risk of abuse does not justify the withholding of these highly effective
 4 analgesics from chronic pain patients.”¹³⁶

5 246. In a 2007 publication titled “Treatment Options: A Guide for People Living with
 6 Pain,” APF downplayed the risk of addiction and argued that concern about this risk should not
 7 prevent people from taking opioids: “Restricting access to the most effective medications for
 8 treating pain is not the solution to drug abuse or addiction.”¹³⁷ APF also tried to normalize the
 9 dangers of opioids by listing opioids as one of several “[c]ommon drugs that can cause physical
 10 dependence,” including steroids, certain heart medications, and caffeine.¹³⁸

11 247. The Manufacturing Defendants’ repeated statements about the low risk of
 12 addiction when taking opioids as prescribed for chronic pain were blatantly false and were made
 13 with reckless disregard for the potential consequences.

14 **2. The Manufacturing Defendants falsely claimed that opioids were proven
 15 effective for chronic pain and would improve quality of life.**

16 248. Not only did the Manufacturing Defendants falsely claim that the risk of addiction
 17 to prescription opioids was low, these Defendants represented that there was a significant upside
 18 to long-term opioid use, including that opioids could restore function and improve quality of
 19 life.¹³⁹

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¹³⁶ Brief Amici Curiae of American Pain Foundation, National Foundation for the Treatment of Pain, and The Ohio
 23 Pain Initiative, in Support of Defendants/Appellants, *Howland v. Purdue Pharma, L.P.*, Appeal No. CA 2002 09
 0220 (Butler Co., Ohio 12th Court of Appeals, Dec. 23, 2002), <https://ia801005.us.archive.org/23/items/279014-howland-apf-amicus/279014-howland-apf-amicus.pdf>.

24 ¹³⁷ *Treatment Options: A Guide for People Living with Pain*, Am. Pain Found.,
 25 <https://assets.documentcloud.org/documents/277605/apf-treatmentoptions.pdf> (last visited August 9, 2018).

26 ¹³⁸ *Id.*

27 ¹³⁹ This case *does not* request or require the Court to specifically adjudicate whether opioids are appropriate for the
 28 treatment of chronic, non-cancer pain—though the scientific evidence strongly suggests they are not.

1 249. Such claims were viewed as a critical part of the Manufacturing Defendants'
 2 marketing strategies. For example, an internal Purdue report from 2001 noted the lack of data
 3 supporting improvement in quality of life with OxyContin treatment:

4 Janssen has been stressing decreased side effects, especially constipation, as well
 5 as patient quality of life, as supported by patient rating compared to sustained
 6 release morphine . . . We do not have such data to support OxyContin promotion. . .
 7 . . In addition, Janssen has been using the "life uninterrupted" message in promotion
 8 of Duragesic for non-cancer pain, stressing that Duragesic "helps patients think less
 9 about their pain." This is a competitive advantage based on our inability to make
 10 any quality of life claims.¹⁴⁰

11 250. Despite the lack of data supporting improvement in quality of life, Purdue ran a
 12 full-page ad for OxyContin in the Journal of the American Medical Association in 2002,
 13 proclaiming, "There Can Be Life With Relief," and showing a man happily fly-fishing alongside
 14 his grandson.¹⁴¹ This ad earned a warning letter from the FDA, which admonished, "It is
 15 particularly disturbing that your November ad would tout 'Life With Relief' yet fail to warn that
 16 patients can die from taking OxyContin."¹⁴²

17 251. Purdue also consistently tried to steer any concern away from addiction and focus
 18 on its false claims that opioids were effective and safe for treating chronic pain. At a hearing
 19 before the House of Representatives' Subcommittee on Oversight and Investigations of the
 20 Committee on Energy and Commerce in August 2001, Michael Friedman, Executive Vice
 21 President and Chief Operating Officer of Purdue, testified that "even the most vocal critics of
 22 opioid therapy concede the value of OxyContin in the legitimate treatment of pain," and that
 23 "OxyContin has proven itself an effective weapon in the fight against pain, returning many
 24 patients to their families, to their work, and to their ability to enjoy life."¹⁴³

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 26¹⁴⁰ Meier, *supra* note 15, at 281.

¹⁴¹ *Id.* at 280.

¹⁴² Chris Adams, *FDA Orders Purdue Pharma To Pull Its OxyContin Ads*, Wall Street Journal (Jan. 23, 2003, 12:01am), <https://www.wsj.com/articles/SB1043259665976915824>.

¹⁴³ *Oxycontin: Its Use and Abuse*, *supra* note 120.

1 252. Purdue sponsored the development and distribution of an APF guide in 2011
 2 which claimed that “multiple clinical studies have shown that opioids are effective in improving
 3 daily function, psychological health, and health-related quality of life for chronic pain patients.”
 4 This guide is still available today.

5 253. Purdue also ran a series of advertisements of OxyContin in 2012 in medical
 6 journals titled “Pain vignettes,” which were styled as case studies of patients with persistent pain
 7 conditions and for whom OxyContin was recommended to improve their function.

8 254. Purdue and Endo also sponsored and distributed a book in 2007 to promote the
 9 claim that pain relief from opioids, by itself, improved patients’ function. The book remains for
 10 sale online today.

11 255. Endo’s advertisements for Opana ER claimed that use of the drug for chronic pain
 12 allowed patients to perform demanding tasks like construction and portrayed Opana ER users as
 13 healthy and unimpaired.

14 256. Endo’s National Initiative on Pain Control (NIPC) website also claimed in 2009
 15 that with opioids, “your level of function should improve; you may find you are now able to
 16 participate in activities of daily living, such as work and hobbies, that you were not able to enjoy
 17 when your pain was worse.”

18 257. Endo further sponsored a series of CME programs through NIPC which claimed
 19 that chronic opioid therapy has been “shown to reduce pain and depressive symptoms and
 20 cognitive functioning.”

21 258. Through PainKnowledge.org, Endo also supported and sponsored guidelines that
 22 stated, among other things, that “Opioid Medications are a powerful and often highly effective
 23 tool in treating pain,” and that “they can help restore comfort, function, and quality of life.”¹⁴⁴
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 26 ¹⁴⁴*Informed Consent for Using Opioids to Treat Pain*, Painknowledge.org (2007),
https://www.mainequalitycounts.org/image_upload/Opioid%20Informed%20Consent%20Formatted_1_23_2008.pdf.

1 259. In addition, Janssen sponsored and edited patient guides which stated that
 2 “opioids may make it easier for people to live normally.” The guides listed expected functional
 3 improvements from opioid use, including sleeping through the night, and returning to work,
 4 recreation, sex, walking, and climbing stairs.

5 260. Janssen also sponsored, funded, and edited a website which featured an interview
 6 edited by Janssen that described how opioids allowed a patient to “continue to function.” This
 7 video is still available today.

8 261. Furthermore, sales representatives for the Manufacturing Defendants
 9 communicated and continue to communicate the message that opioids will improve patients’
 10 function, without appropriate disclaimers.

11 262. The Manufacturing Defendants’ statements regarding opioids’ ability to improve
 12 function and quality of life are false and misleading. As the CDC’s *Guideline for Prescribing*
 13 *Opioids for Chronic Pain* (the “2016 CDC Guideline” or “Guideline”)¹⁴⁵ confirms, not a single
 14 study supports these claims.

15 263. In fact, to date, there have been no long-term studies that demonstrate that opioids
 16 are effective for treating long-term or chronic pain. Instead, reliable sources of information,
 17 including from the CDC in 2016, indicate that there is “[n]o evidence” to show “a long-term
 18 benefit of opioids in pain and function versus no opioids for chronic pain.”¹⁴⁶ By contrast,
 19 significant research has demonstrated the colossal dangers of opioids. The CDC, for example,
 20 concluded that “[e]xtensive evidence shows the possible harms of opioids (including opioid use
 21 disorder, overdose, and motor vehicle injury)” and that “[o]pioid pain medication use presents
 22 serious risks, including overdose and opioid use disorder.”¹⁴⁷

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 25 ¹⁴⁵ 2016 CDC Guideline, *supra* note 31.
 26 ¹⁴⁶ *Id.*
 26 ¹⁴⁷ *Id.*

1 **3. The Manufacturing Defendants falsely claimed doctors and patients could**
 2 **increase opioid usage indefinitely without added risk.**

3 264. The Manufacturing Defendants also made false and misleading statements
 4 claiming that there is no dosage ceiling for opioid treatment. These misrepresentations were
 5 integral to the Manufacturing Defendants' promotion of prescription opioids for two reasons.
 6 First, the idea that there was no upward limit was necessary for the overarching deception that
 7 opioids are appropriate treatment for chronic pain. As discussed above, people develop a
 8 tolerance to opioids' analgesic effects, so that achieving long-term pain relief requires constantly
 9 increasing the dose. Second, the dosing misrepresentation was necessary for the claim that
 10 OxyContin and competitor drugs allowed 12-hour dosing.

11 265. Twelve-hour dosing is a significant marketing advantage for any medication,
 12 because patient compliance is improved when a medication only needs to be taken twice a day.
 13 For prescription painkillers, the 12-hour dosing is even more significant because shorter-acting
 14 painkillers did not allow patients to get a full night's sleep before the medication wore off. A
 15 Purdue memo to the OxyContin launch team stated that "OxyContin's positioning statement is
 16 'all of the analgesic efficacy of immediate-release oxycodone, with convenient q12h dosing,'" and
 17 further that "[t]he convenience of q12h dosing was emphasized as the most important
 18 benefit."¹⁴⁸

19 266. Purdue executives therefore maintained the messaging of 12-hour dosing even
 20 when many reports surfaced that OxyContin did not last 12 hours. Instead of acknowledging a
 21 need for more frequent dosing, Purdue instructed its representatives to push higher-strength pills.

22 267. For example, in a 1996 sales strategy memo from a Purdue regional manager, the
 23 manager emphasized that representatives should "convinc[e] the physician that there is no need" for
 24 prescribing OxyContin in shorter intervals than the recommended 12-hour interval, and
 25 instead the solution is prescribing higher doses. The manager directed representatives to discuss

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¹⁴⁸ *OxyContin launch*, Los Angeles Times (May 5, 2016), <http://documents.latimes.com/oxycontin-launch-1995/>.

1 with physicians that there is “no[] upward limit” for dosing and ask “if there are any reservations
 2 in using a dose of 240mg-320mg of OxyContin.”¹⁴⁹

3 268. As doctors began prescribing OxyContin at shorter intervals in the late 1990s,
 4 Purdue directed its sales representatives to “refocus” physicians on 12-hour dosing. One sales
 5 manager instructed her team that anything shorter “needs to be nipped in the bud. NOW!!”¹⁵⁰

6 269. These misrepresentations were incredibly dangerous. As noted above, opioid
 7 dosages at or above 50 MME/day double the risk of overdose compared to 20 MME/day, and 50
 8 MME is equal to just 33 mg of oxycodone. Notwithstanding the risks, Purdue’s 2003 Conversion
 9 Guide for OxyContin contained the following diagram for increasing dosage up to 320 mg:

10 **A Guide to Titration of OxyContin®**



20 270. In a 2004 response letter to the FDA, Purdue tried to address concerns that
 21 patients who took OxyContin more frequently than 12 hours would be at greater risk of side
 22 effects or adverse reactions. Purdue contended that the peak plasma concentrations of oxycodone
 23 would not increase with more frequent dosing, and therefore no adjustments to the package

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 25 ¹⁴⁹ Sales manager on 12-hour dosing, Los Angeles Times (May 5, 2016), <http://documents.latimes.com/sales-manager-on12-hour-dosing-1996/>.

26 ¹⁵⁰ Harriet Ryan, Lisa Girion, and Scott Glover, ‘You Want a Description of Hell?’ OxyContin’s 12-Hour Problem (May 5, 2016), <http://www.latimes.com/projects/oxycontin-part1/>.

1 labeling or 12-hour dosing regimen were needed.¹⁵¹ But these claims were false, and Purdue's
 2 suggestion that there was no upper limit or risk associated with increased dosage was incredibly
 3 misleading.

4 271. Suggesting that it recognized the danger of its misrepresentations of no dose
 5 ceiling, Purdue discontinued the OxyContin 160 mg tablet in 2007 and stated that this step was
 6 taken "to reduce the risk of overdose accompanying the abuse of this dosage strength."¹⁵²

7 272. But still Purdue and the other Manufacturing Defendants worked hard to protect
 8 their story. In March 2007, Dr. Gary Franklin, Medical Director for the Washington State
 9 Department of Labor & Industries, published the *Interagency Guideline on Opioid Dosing for*
 10 *Chronic Non-Cancer Pain*. Developed in collaboration with providers in Washington State who
 11 had extensive experience in the evaluation and treatment of patients with chronic pain, the
 12 guideline recommended a maximum daily dose of opioids to protect patients.

13 273. In response, Purdue sent correspondence to Dr. Franklin specifically indicating,
 14 among other things, that "limiting access to opioids for persons with chronic pain is not the
 15 answer" and that the "safety and efficacy of OxyContin doses greater than 40 mg every 12 hours
 16 in patients with chronic nonmalignant pain" was well established. Purdue even went so far as to
 17 represent to Dr. Franklin that even if opioid treatment produces significant adverse effects in a
 18 patient, "this does not preclude a trial of another opioid."

19 274. In 2010, Purdue published a Risk Evaluation and Mitigation Strategy ("REMS")
 20 for OxyContin, but even the REMS does not address concerns with increasing dosage, and
 21 instead advises prescribers that "dose adjustments may be made every 1-2 days"; "it is most
 22 appropriate to increase the q12h dose"; the "total daily dose can usually be increased by 25% to

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 24 ¹⁵¹ *Purdue Response to FDA, 2004*, Los Angeles Times (May 5, 2016), <http://documents.latimes.com/purdue-response-fda-2004/>.

25 ¹⁵² *OxyContin Tablets Risk Management Program*, Purdue Pharma L.P.,
 26 <https://web.archive.org/web/20170215064438/https://www.fda.gov/ohrms/dockets/DOCKETS/07p0232/07p-0232-cp00001-03-Exhibit-02-Part-1-vol1.pdf> (revised May 18, 2007).

1 50%”; and if “significant adverse reactions occur, treat them aggressively until they are under
 2 control, then resume upward titration.”¹⁵³

3 275. In 2012, APF claimed on its website that there was no “ceiling dose” for opioids
 4 for chronic pain.¹⁵⁴ APF also made this claim in a guide sponsored by Purdue, which is still
 5 available online.

6 276. Accordingly, Purdue continued to represent both publicly and privately that
 7 increased opioid usage was safe and did not present additional risk at higher doses.

8 277. Janssen also made the same misrepresentations regarding the disadvantages of
 9 dosage limits for other pain medicines in a 2009 patient education guide, while failing to address
 10 the risks of dosage increases with opioids.

11 278. Endo, on a website it sponsors, PainKnowledge.com, also made the claim in 2009
 12 that opioid dosages could be increased indefinitely.

13 279. In the “Understanding Your Pain” pamphlet discussed above, Endo assures opioid
 14 users that concern about developing tolerance to the drugs’ pain-relieving effect is “not a
 15 problem,” and that “[t]he dose can be increased” and “[y]ou won’t ‘run out’ of pain relief.”¹⁵⁵

23 ¹⁵³ *OxyContin Risk Evaluation and Mitigation Strategy*, Purdue Pharma L.P.,
 24 <https://web.archive.org/web/20170215190303/https://www.fda.gov/downloads/Drugs/DrugSafety/PostmarketDrugSafetyInformationforPatientsandProviders/UCM220990.pdf> (last modified Nov. 2010).

25 ¹⁵⁴ Noah Nesin, M.D., FAAFP, *Responsible Opioid Prescribing*, PCHC
 26 https://www.mainequalitycounts.org/image_upload/Keynote-%20Managing%20Chronic%20Pain%20and%20Opioids_Nesin.pdf (last visited August 9, 2018).

¹⁵⁵ *Understanding Your Pain: Taking Oral Opioid Analgesics*, *supra* note 130.



280. Dosage limits with respect to opioids are particularly important not only because of the risk of addiction but also because of the potentially fatal side effect of respiratory depression. Endo's "Understanding Your Pain" pamphlet minimized this serious side effect, calling it "slowed breathing," declaring that it is "very rare" when opioids are used "appropriately," and never stating that it could be fatal:

"Slowed breathing"

- ◆ The medical term for "slowed breathing" is "respiratory depression."
- ◆ This is very rare when oral opioids are used appropriately for pain relief.
- ◆ If you become so sleepy that you cannot make yourself stay awake, you may be in danger of slowed breathing. Stop taking your opioid and call your doctor immediately.

1 **4. The Manufacturing Defendants falsely instructed doctors and patients that**
 2 **more opioids were the solution when patients presented symptoms of**
 3 **addiction.**

4 281. Not only did the Manufacturing Defendants hide the serious risks of addiction
 5 associated with opioids, they actively worked to prevent doctors from taking steps to prevent or
 6 address opioid addiction in their patients.

7 282. One way that the Manufacturing Defendants worked to obstruct appropriate
 8 responses to opioid addiction was to push the concept of “pseudoaddiction.” Dr. David
 9 Haddox—who later became a Senior Medical Director for Purdue—published a study in 1989
 10 coining the term, which he characterized as “the iatrogenic syndrome of abnormal behavior
 11 developing as a direct consequence of inadequate pain management.”¹⁵⁶ (“Iatrogenic” describes a
 12 condition induced by medical treatment.) In other words, he claimed that people on prescription
 13 opioids who exhibited classic signs of addiction—“abnormal behavior”—were not addicted, but
 14 rather simply suffering from under-treatment of their pain. His solution for pseudoaddiction?
 15 More opioids.

16 283. Although this concept was formed based on a single case study, it proved to be a
 17 favorite trope in the Manufacturing Defendants’ marketing schemes. For example, using this
 18 study, Purdue informed doctors and patients that signs of addiction are actually the signs of
 19 under-treated pain which should be treated with even more opioids. Purdue reassured doctors and
 20 patients, telling them that “chronic pain has been historically undertreated.”¹⁵⁷

21 284. The Manufacturing Defendants continued to spread the concept of
 22 pseudoaddiction through the APF, which even went so far as to compare opioid addicts to coffee
 23 drinkers. In a 2002 court filing, APF wrote that “[m]any pain patients (like daily coffee drinkers)
 24 claim they are ‘addicted’ when they experience withdrawal symptoms associated with physical

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¹⁵⁶ David E. Weissman and J. David Haddox, *Opioid pseudoaddiction--an iatrogenic syndrome*, 36(3) Pain 363-66
 26 (Mar. 1989), <https://www.ncbi.nlm.nih.gov/pubmed/2710565>.

¹⁵⁷ *Oxycontin: Its Use and Abuse*, *supra* note 120.

1 dependence as they decrease their dose. But unlike actual addicts, such individuals, if they
 2 resume their opioid use, will only take enough medication to alleviate their pain . . .”¹⁵⁸

3 285. In a 2007 publication titled “Treatment Options: A Guide for People Living with
 4 Pain,” the APF claimed: “*Physical dependence is normal*; any patient who is taking an opioid on
 5 a regular basis for a few days should be assumed to be physically dependent. This does **NOT**
 6 mean you are addicted.”¹⁵⁹ In this same publication, the APF asserted that “people who are not
 7 substance abusers” may also engage in “unacceptable” behaviors such as “increasing the dose
 8 without permission or obtaining the opioid from multiple sources,” but that such behaviors do
 9 not indicate addiction and instead reflect a “desire to obtain pain relief.”¹⁶⁰

10 286. Purdue published a REMS for OxyContin in 2010, and in the associated
 11 Healthcare Provider Training Guide stated that “[b]ehaviors that suggest drug abuse exist on a
 12 continuum, and pain-relief seeking behavior can be mistaken for drug-seeking behavior.”¹⁶¹

13 287. Purdue worked, and continues to work, to create confusion about what addiction
 14 is. For example, Purdue continues to emphasize that abuse and addiction are separate and distinct
 15 from physical dependence. Regardless of whether these statements may be technically correct,
 16 they continue to add ambiguity over the risks and benefits of opioids.

17 288. Endo sponsored an NIPC CME program in 2009 which promoted the concept of
 18 pseudoaddiction by teaching that a patient’s aberrant behavior was the result of untreated pain.
 19 Endo substantially controlled NIPC by funding its projects, developing content, and reviewing
 20 NIPC materials.

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 25 158 APF Brief Amici Curiae, *supra* note 136, at 10-11.
 26 159 *Treatment Options: A Guide for People Living with Pain*, *supra* note 137.
 160 *Id.*
 161 *OxyContin Risk Evaluation and Mitigation Strategy*, *supra* note 153.

1 289. A 2001 paper which was authored by a doctor affiliated with Janssen stated that
 2 “[m]any patients presenting to a doctor’s office asking for pain medications are accused of drug
 3 seeking. In reality, most of these patients may be undertreated for their pain syndrome.”¹⁶²

4 290. In 2009, on a website it sponsored, Janssen stated that pseudoaddiction is different
 5 from true addiction “because such behaviors can be resolved with effective pain
 6 management.”¹⁶³

7 291. Indeed, on its currently active website PrescribeResponsibly.com, Janssen defines
 8 pseudoaddiction as “a syndrome that causes patients to seek additional medications due to
 9 inadequate pharmacotherapy being prescribed. Typically, when the pain is treated appropriately,
 10 the inappropriate behavior ceases.”¹⁶⁴

21
 22 ¹⁶² Howard A. Heit, MD, FACP, FASAM, *The truth about pain management: the difference between a pain patient and an addicted patient*, 5 European Journal of Pain 27-29 (2001),
<http://www.med.uottawa.ca/courses/totalpain/pdf/doc-34.pdf>.

23 ¹⁶³ Chris Morran, *Ohio: Makers Of OxyContin, Percocet & Other Opioids Helped Fuel Drug Epidemic By Misleading Doctors, Patients*, Consumerist (May 31, 2017, 2:05pm), <https://consumerist.com/2017/05/31/ohio-makers-of-oxycontin-percocet-other-opioids-helped-fuel-drug-epidemic-by-misleading-doctors-patients/>.

24 ¹⁶⁴ Howard A. Heit, MD, FACP, FASAM and Douglas L. Gourlay, MD, MSc, FRCPC, FASAM, *What a Prescriber Should Know Before Writing the First Prescription, Prescribe Responsibly*,
<http://www.prescriberesponsibly.com/articles/before-prescribing-opioids#pseudoaddiction> (last modified July 2, 2015).

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What a Prescriber Should Know Before Writing the First Prescription

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TABLE 1: Definitions

8. **Pseudoaddiction** is a syndrome that causes patients to seek additional medications due to inadequate pharmacotherapy being prescribed. Typically when the pain is treated appropriately, the inappropriate behavior ceases.²⁵



292. As set forth in more detail below, these statements were false and misleading as evidenced by, *inter alia*, the findings made by the CDC in 2016. Indeed, there is simply no evidence that pseudoaddiction is a real phenomenon. As research compiled by the CDC and others makes clear, pseudoaddiction is pseudoscience—nothing more than a concept Defendants seized upon to help sell more of their actually addicting drugs.

5. **The Manufacturing Defendants falsely claimed that risk-mitigation strategies, including tapering and abuse-deterring technologies, made it safe to prescribe opioids for chronic use.**

293. Even when the Manufacturing Defendants acknowledge that opioids pose some risk of addiction, they dismiss these concerns by claiming that addiction can be easily avoided and addressed through simple steps. In order to make prescribers feel more comfortable about

1 starting patients on opioids, the Manufacturing Defendants falsely communicated to doctors that
 2 certain screening tools would allow them to reliably identify patients at higher risk of addiction
 3 and safely prescribe opioids, and that tapering the dose would be sufficient to manage cessation
 4 of opioid treatment. Both assertions are false.

5 294. For instance, as noted above, Purdue published a REMS for OxyContin in 2010,
 6 in which it described certain steps that needed to be followed for safe opioid use. Purdue stressed
 7 that all patients should be screened for their risk of abuse or addiction, and that such screening
 8 could curb the incidence of addiction.¹⁶⁵

9 295. The APF also proclaimed in a 2007 booklet, sponsored in part by Purdue, that
 10 “[p]eople with the disease of addiction may abuse their medications, engaging in unacceptable
 11 behaviors like increasing the dose without permission or obtaining the opioid from multiple
 12 sources, among other things. Opioids get into the hands of drug dealers and persons with an
 13 addictive disease as a result of pharmacy theft, forged prescriptions, Internet sales, and even
 14 from other people with pain. It is a problem in our society that needs to be addressed through
 15 many different approaches.”¹⁶⁶

16 296. On its current website for OxyContin,¹⁶⁷ Purdue acknowledges that certain
 17 patients have higher risk of opioid addiction based on history of substance abuse or mental
 18 illness—a statement which, even if accurate, obscures the significant risk of addiction for all
 19 patients, including those without such a history, and comports with statements it has recently
 20 made that it is “bad apple” patients, and not the opioids, that are arguably the source of the
 21 opioid crisis:

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25 ¹⁶⁵ *Oxycontin Risk Evaluation and Mitigation Strategy*, *supra* note 153.

26 ¹⁶⁶ *Treatment Options: A Guide for People Living with Pain*, *supra* note 137.

¹⁶⁷ OxyContin, <https://www.oxycontin.com/index.html> (last visited August 9, 2018).

1 Assess each patient's risk for opioid addiction,
 2 abuse, or misuse prior to prescribing
 3 OxyContin, and monitor all patients receiving
 4 OxyContin for the development of these
 5 behaviors and conditions. Risks are increased
 6 in patients with a personal or family history of
 7 substance abuse (including drug or alcohol
 8 abuse or addiction) or mental illness (e.g.,
 9 major depression). The potential for these risks
 10 should not, however, prevent the proper
 11 management of pain in any given patient.
 Patients at increased risk may be prescribed
 opioids such as OxyContin, but use in such
 patients necessitates intensive counseling
 about the risks and proper use of OxyContin
 along with intensive monitoring for signs of
 addiction, abuse, and misuse.

12 297. Additionally, on its current website, Purdue refers to publicly available tools that
 13 can assist with prescribing compliance, such as patient-prescriber agreements and risk
 14 assessments.¹⁶⁸

15 298. Purdue continues to downplay the severity of addiction and withdrawal and
 16 claims that dependence can easily be overcome by strategies such as adhering to a tapering
 17 schedule to successfully stop opioid treatment. On the current website for OxyContin, it instructs
 18 that “[w]hen discontinuing OxyContin, gradually taper the dosage. Do not abruptly discontinue
 19 OxyContin.”¹⁶⁹ And on the current OxyContin Medication Guide, Purdue also states that one
 20 should “taper the dosage gradually.”¹⁷⁰ As a general matter, tapering is a sensible strategy for
 21 cessation of treatment with a variety of medications, such as steroids or antidepressants. But the
 22 suggestion that tapering is sufficient in the context of chronic use of potent opioids is misleading
 23 and dangerous, and sets patients up for withdrawal and addiction.

24 ¹⁶⁸ *ER/LA Opioid Analgesics REMS*, Purdue, [http://www.purduepharma.com/healthcare-professionals/responsible-](http://www.purduepharma.com/healthcare-professionals/responsible-use-of-opioids/rems/)
 25 [use-of-opioids/rems/](http://www.purduepharma.com/healthcare-professionals/responsible-use-of-opioids/rems/) (last visited August 9, 2018).

26 ¹⁶⁹ Oxycontin.com, *supra* note 167.

¹⁷⁰ *OxyContin Full Prescribing Information*, Purdue Pharma LP,
<http://app.purduepharma.com/xmlpublishing/pi.aspx?id=0> (last visited August 9, 2018).

1 299. In its “Dear Healthcare Professional” letter in 2010, Purdue instructed doctors to
 2 gradually taper someone off OxyContin to prevent signs and symptoms of withdrawal in patients
 3 who were physically dependent.¹⁷¹ Nowhere does Purdue warn doctors or patients that tapering
 4 may be inadequate to safely end opioid treatment and avoid addiction.

5 300. Other Manufacturing Defendants make similar claims. For instance, Endo
 6 suggests that risk-mitigation strategies enable the safe prescription of opioids. In its currently
 7 active website, Opana.com, Endo states that assessment tools should be used to assess addiction
 8 risk, but that “[t]he potential for these risks should not, however, prevent proper management of
 9 pain in any given patient.”¹⁷²

10 301. On the same website, Endo makes similar statements about tapering, stating
 11 “[w]hen discontinuing OPANA ER, gradually taper the dosage.”¹⁷³

12 302. Janssen also states on its currently active website, PrescribeResponsibly.com, that
 13 the risk of opioid addiction “can usually be managed” through tools such as “opioid agreements”
 14 between patients and doctors.¹⁷⁴

15 303. Each Manufacturing Defendant’s statements about tapering misleadingly implied
 16 that gradual tapering would be sufficient to alleviate any risk of withdrawal or addiction while
 17 taking opioids.

18 304. The Manufacturing Defendants have also made and continue to make false and
 19 misleading statements about the purported abuse-deterrent properties of their opioid pills to
 20 suggest these reformulated pills are not susceptible to abuse. In so doing, the Manufacturing
 21 Defendants have increased their profits by selling more pills for substantially higher prices.

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¹⁷¹ *OxyContin Risk Evaluation and Mitigation Strategy*, *supra* note 153.

26 ¹⁷² Opana ER, Endo Pharmaceuticals, Inc., <http://www.opana.com> (last visited August 9, 2018).

27 ¹⁷³ *Id.*

28 ¹⁷⁴ Heit & Gourlay, *supra* note 164.

1 305. For instance, since at least 2001, Purdue has contended that “abuse resistant
 2 products can reduce the incidence of abuse.”¹⁷⁵ Until recently, Purdue’s website touted abuse-
 3 deterrent properties by saying they “can make a difference.”¹⁷⁶

4 306. On August 17, 2015, Purdue announced the launch of a new website, “Team
 5 Against Opioid Abuse,” which it said was “designed to help healthcare professionals and
 6 laypeople alike learn about different abuse-deterrent technologies and how they can help in the
 7 reduction of misuse and abuse of opioids.”¹⁷⁷ This website appears to no longer be active.

8 307. A 2013 study which was authored by at least two doctors who at one time
 9 worked for Purdue stated that “[a]buse-deterrent formulations of opioid analgesics can reduce
 10 abuse.”¹⁷⁸ In another study from 2016 with at least one Purdue doctor as an author, the authors
 11 claimed that abuse decreased by as much as 99% in some situations after abuse-deterrent
 12 formulations were introduced.¹⁷⁹

13 308. Interestingly, one report found that the original safety label for OxyContin, which
 14 instructed patients not to crush the tablets because it would have a rapid release effect, may have
 15 inadvertently given opioid users ideas for techniques to get high from these drugs.¹⁸⁰

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 20 ¹⁷⁵ *Oxycontin: Its Use and Abuse*, *supra* note 120.

21 ¹⁷⁶ *Opioids with Abuse-Deterrent Properties*, Purdue, [http://www.purduepharma.com/healthcare-
 22 professionals/responsible-use-of-opioids/opioids-with-abuse-deterrent-properties/](http://www.purduepharma.com/healthcare-professionals/responsible-use-of-opioids/opioids-with-abuse-deterrent-properties/) (last visited August 9, 2018); *see also* [https://web.archive.org/web/20180302203422/http://www.purduepharma.com/healthcare-
 23 professionals/responsible-use-of-opioids/opioids-with-abuse-deterrent-properties/](https://web.archive.org/web/20180302203422/http://www.purduepharma.com/healthcare-professionals/responsible-use-of-opioids/opioids-with-abuse-deterrent-properties/).

24 ¹⁷⁷ *Purdue Pharma L.P. Launches TeamAgainstOpioidAbuse.com*, Purdue (Aug. 17, 2015),
 25 <http://www.purduepharma.com/news-media/2015/08/purdue-pharma-l-p-launches-teamagainstopioidabuse-com/>.

26 ¹⁷⁸ Paul M. Coplan, Hrishikesh Kale, Lauren Sandstrom, Craig Landau, and Howard D. Chilcoat, *Changes in
 27 oxycodone and heroin exposures in the National Poison Data System after introduction of extended-release
 28 oxycodone with abuse-deterrent characteristics*, 22 (12) *Pharmacoepidemiol Drug Saf.* 1274-82 (Sept. 30, 2013),
 29 <https://www.ncbi.nlm.nih.gov/pmc/articles/PMC4283730/>.

30 ¹⁷⁹ Paul M. Coplan, Howard D. Chilcoat, Stephen Butler, Edward M. Sellers, Aditi Kadakia, Venkatesh
 31 Harikrishnan, J. David Haddox, and Richard C. Dart, *The effect of an abuse-deterrent opioid formulation
 32 (OxyContin) on opioid abuse-related outcomes in the postmarketing setting*, 100 *Clin. Pharmacol. Ther.* 275-86
 33 (June 22, 2016), <http://onlinelibrary.wiley.com/doi/10.1002/cpt.390/full>.

34 ¹⁸⁰ *OxyContin Abuse and Diversion and Efforts to Address the Problem*, *supra* note 30.

1 309. In 2012, Defendant Endo replaced the formula for Opana ER with a new formula
 2 with abuse-deterrent properties that it claimed would make Opana ER resistant to manipulation
 3 from users to snort or inject it. But the following year, the FDA concluded:

4 While there is an increased ability of the reformulated version of Opana ER to resist
 5 crushing relative to the original formulation, study data show that the reformulated
 6 version's extended-release features can be compromised when subjected to other
 7 forms of manipulation, such as cutting, grinding, or chewing, followed by
 8 swallowing.

9 Reformulated Opana ER can be readily prepared for injection, despite Endo's claim
 10 that these tablets have "resistance to aqueous extraction (i.e., poor syringeability)." It
 11 also appears that reformulated Opana ER can be prepared for snorting using
 12 commonly available tools and methods.

13 The postmarketing investigations are inconclusive, and even if one were to treat
 14 available data as a reliable indicator of abuse rates, one of these investigations also
 15 suggests the troubling possibility that a higher percentage of reformulated Opana
 16 ER abuse is via injection than was the case with the original formulation.¹⁸¹

17 310. Despite the FDA's determination that the evidence did not support Endo's claims
 18 of abuse-deterrence, Endo advertised its reformulated pills as "crush resistant" and directed its
 19 sales representatives to represent the same to doctors. Endo improperly marketed Opana ER as
 20 crush-resistant, when Endo's own studies showed that the pill could be crushed and ground. In
 21 2016, Endo reached an agreement with the Attorney General of the State of New York that
 22 required Endo to discontinue making such statements.¹⁸²

23 311. The Manufacturing Defendants' assertions that their reformulated pills could curb
 24 abuse were false and misleading, as the CDC's 2016 Guideline, discussed below, confirm.

25 312. Ultimately, even if a physician prescribes opioids after screening for abuse risk,
 26 advising a patient to taper, and selecting brand-name, abuse-deterrent formulations, chronic

24 ¹⁸¹ *FDA Statement: Original Opana ER Relisting Determination*, U.S. Food & Drug Admin. (May 10, 2013),
<https://wayback.archive-it.org/7993/20171102214123/https://www.fda.gov/Drugs/DrugSafety/ucm351357.htm>.

25 ¹⁸² Press Release, Attorney General Eric T. Schneiderman, *A.G. Schneiderman Announces Settlement with Endo*
Health Solutions Inc. & Endo Pharmaceuticals Inc. Over Marketing of Prescription Opioid Drugs (Mar. 3, 2016),
<https://ag.ny.gov/press-release/ag-schneiderman-announces-settlement-endo-health-solutions-inc-endo-pharmaceuticals>.

1 opioid use still comes with significant risks of addiction and abuse. The Manufacturing
 2 Defendants' statements to the contrary were designed to create a false sense of security and
 3 assure physicians that they could safely prescribe potent narcotics to their patients.

4 **E. Research by Washington State's Department of Labor and Industries Highlights the
 5 Falseness of the Manufacturing Defendants' Claims.**

6 313. Contrary to the Manufacturing Defendants' misrepresentations about the benefits
 7 and risks of opioids, growing evidence suggests that using opioids to treat chronic pain leads to
 8 overall negative outcomes, delaying or preventing recovery and providing little actual relief, all
 9 while presenting serious risks of overdose.

10 314. One place where this evidence surfaced is the Washington State Department of
 11 Labor and Industries ("L&I"). The Department of L&I runs the state's workers' compensation
 12 program, which covers all employees in the state, other than those who work for large companies
 13 and government entities. In 2000, L&I's new chief pharmacist, Jaymie Mai, noticed an increase
 14 in prescription of opioids for chronic pain, approximately 50 to 100 cases a month.¹⁸³ As she
 15 took a closer look at the prescription data, she discovered some of these same workers were
 16 dying from opioid overdoses. That workers suffered back pain or sprained knees on the job was
 17 nothing new, but workers dying from their pain medication was assuredly not business as usual.
 18 Mai reported what she was seeing to L&I's Medical Director, Dr. Gary Franklin.¹⁸⁴

19 315. In addition to being L&I's Medical Director, Dr. Franklin is a research professor
 20 at the University of Washington in the departments of Environmental Health, Neurology, and
 21 Health Services. Dr. Franklin and Mai undertook a thorough analysis of all recorded deaths in
 22 the state's workers' comp system. In 2005, they published their findings in the American Journal
 23 of Industrial Medicine.¹⁸⁵

24 ¹⁸³ Quinones, *supra* note 43, at 203.

25 ¹⁸⁴ *Id.*

26 ¹⁸⁵ Gary M. Franklin, M.D., MPH, Jaymie Mai, Pharm.D., Thomas Wickizer, Ph.D., Judith A. Turner, Ph.D., Deborah Fulton-Kehoe, Ph.D., MPH, and Linda Grant, BSN, MBA, *Opioid dosing trends and mortality in Washington State Workers' Compensation, 1996-2002*, 48 Am J Ind Med 91-99 (2005).

1 316. Their research showed that the total number of opioid prescriptions paid for by
 2 the Workers' Compensation Program tripled between 1996 and 2006.¹⁸⁶ Not only did the number
 3 of prescriptions balloon, so too did the doses; from 1996 to 2002 the mean daily morphine
 4 equivalent dose ("MED") nearly doubled, and remained that way through 2006.¹⁸⁷ As injured
 5 Washington workers were given more prescriptions of higher doses of opioids, the rates of
 6 opioid overdoses among that population jumped, from zero in 1996 to more than twenty in 2005.
 7 And in 2009, over thirty people receiving opioid prescriptions through the Workers'
 8 Compensation Program died of an opioid overdose.¹⁸⁸

9 317. Armed with these alarming statistics, Dr. Franklin, in conjunction with other
 10 doctors in Washington, set out to limit the doses of opioids prescribed through the workers'
 11 compensation program. As part of that effort, in 2007 the Agency Medical Directors Group
 12 launched an Interagency Guideline on Opioid Dosing, aimed at reducing the numbers of opioid
 13 overdoses. Through this, and other related efforts, both the rates of opioid prescriptions and the
 14 sizes of doses have declined in Washington, beginning in 2009. As opioid prescriptions rates for
 15 injured workers have declined, so too has the death rate among this population.¹⁸⁹

16 318. Moreover, additional research from L&I showed that the use of opioids to treat
 17 pain after an injury actually prevents or slows a patient's recovery.

18 319. In a study of employees who had suffered a low back injury on the job, Dr.
 19 Franklin showed that if an injured worker was prescribed opioids soon after the injury, high
 20 doses of opioids, or opioids for more than a week, the employee was far more likely to

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 23 ¹⁸⁶ Gary M. Franklin, M.D., MPH, Jaymie Mai, Pharm.D., Thomas Wickizer, Ph.D., Judith Turner, Ph.D., Mark
 24 Sullivan, M.D., Ph.D., Thomas Wickizer, Ph.D., and Deborah Fulton-Kehoe, Ph.D., *Bending the Prescription*
 25 *Opioid Dosing and Mortality Curves: Impact of the Washington State Opioid Dosing Guideline*, 55 Am J Ind Med
 325, 327 (2012).

26 ¹⁸⁷ *Id.* at 327-28.

188 *Id.* at 328.

189 *Id.*

1 experience negative health outcomes than the same employee who was not prescribed opioids in
 2 these manners.

3 320. Specifically, the study showed that, after adjusting for the baseline covariates,
 4 injured workers who received a prescription opioid for more than seven days during the first six
 5 weeks after the injury were 2.2 times more likely to remain disabled a year later than workers
 6 with similar injuries who received no opioids at all. Similarly, those who received two
 7 prescriptions of opioids for the injury were 1.8 times more likely to remain disabled a year after
 8 their injury than workers who received no opioids at all, and those receiving daily doses higher
 9 than 150 MED were over twice as likely to be on disability a year later, relative to workers who
 10 received no opioids.¹⁹⁰

11 321. In sum, not only do prescription opioids present significant risks of addiction and
 12 overdose, but they also hinder patient recovery after an injury.

13 322. This dynamic presents problems for employers, too, who bear significant costs
 14 when their employees do not recover quickly from workplace injuries. Employers are left
 15 without their labor force and may be responsible for paying for the injured employee's disability
 16 for long periods of time.

17 **F. The 2016 CDC Guideline and Other Recent Studies Confirm That the
 18 Manufacturing Defendants' Statements About the Risks and Benefits of Opioids
 19 Are Patently False.**

20 323. Contrary to the statements made by the Manufacturing Defendants in their well-
 21 orchestrated campaign to tout the benefits of opioids and downplay their risks, recent studies
 22 confirm the Manufacturing Defendants' statements were false and misleading.

23 324. The CDC issued its *Guideline for Prescribing Opioids for Chronic Pain* on March
 24 15, 2016.¹⁹¹ The 2016 CDC Guideline, approved by the FDA, "provides recommendations for
 25

26 ¹⁹⁰ Franklin, GM, Stover, BD, Turner, JA, Fulton-Kehoe, D, Wickizer, TM, *Early opioid prescription and
 27 subsequent disability among workers with back injuries: the Disability Risk Identification Study Cohort*, 33 Spine
 199, 201-202.

¹⁹¹ 2016 CDC Guideline, *supra* note 31.

1 primary care clinicians who are prescribing opioids for chronic pain outside of active cancer
 2 treatment, palliative care, and end-of-life care.” The Guideline also assesses the risks and harms
 3 associated with opioid use.

4 325. The 2016 CDC Guideline is the result of a thorough and extensive process by the
 5 CDC. The CDC issued the Guideline after it “obtained input from experts, stakeholders, the
 6 public, peer reviewers, and a federally chartered advisory committee.” The recommendations in
 7 the 2016 CDC Guideline were further made “on the basis of a systematic review of the best
 8 available evidence . . .”

9 326. The CDC went through an extensive and detailed process to solicit expert
 10 opinions for the Guideline:

11 CDC sought the input of experts to assist in reviewing the evidence and providing
 12 perspective on how CDC used the evidence to develop the draft recommendations.
 13 These experts, referred to as the “Core Expert Group” (CEG) included subject
 14 matter experts, representatives of primary care professional societies and state
 15 agencies, and an expert in guideline development methodology. CDC identified
 16 subject matter experts with high scientific standing; appropriate academic and
 17 clinical training and relevant clinical experience; and proven scientific excellence
 18 in opioid prescribing, substance use disorder treatment, and pain management.
 19 CDC identified representatives from leading primary care professional
 20 organizations to represent the audience for this guideline. Finally, CDC identified
 21 state agency officials and representatives based on their experience with state
 22 guidelines for opioid prescribing that were developed with multiple agency
 23 stakeholders and informed by scientific literature and existing evidence-based
 24 guidelines.

25 327. The 2016 Guideline was also peer-reviewed pursuant to “the final information
 26 quality bulletin for peer review.” Specifically, the Guideline describes the following independent
 peer-review process:

27 [P]eer review requirements applied to this guideline because it provides influential
 28 scientific information that could have a clear and substantial impact on public- and
 29 private-sector decisions. Three experts independently reviewed the guideline to
 30 determine the reasonableness and strength of recommendations; the clarity with
 31 which scientific uncertainties were clearly identified; and the rationale, importance,
 32 clarity, and ease of implementation of the recommendations. CDC selected peer

1 reviewers based on expertise, diversity of scientific viewpoints, and independence
 2 from the guideline development process. CDC assessed and managed potential
 3 conflicts of interest using a process similar to the one as described for solicitation
 4 of expert opinion. No financial interests were identified in the disclosure and review
 process, and nonfinancial activities were determined to be of minimal risk; thus, no
 significant conflict of interest concerns were identified.

5 328. The findings in the 2016 CDC Guideline both confirmed the existing body of
 6 scientific evidence regarding the questionable efficacy of opioid use and contradicted
 7 Defendants' statements about opioids.

8 329. For instance, the Guideline states “[e]xtensive evidence shows the possible harms
 9 of opioids (including opioid use disorder, overdose, and motor vehicle injury)” and that “[o]pioid
 10 pain medication use presents serious risks, including overdose and opioid use disorder.” The
 11 Guideline further confirms there are significant symptoms related to opioid withdrawal,
 12 including drug cravings, anxiety, insomnia, abdominal pain, vomiting, diarrhea, sweating,
 13 tremor, tachycardia (rapid heartbeat), spontaneous abortion and premature labor in pregnant
 14 women, and the unmasking of anxiety, depression, and addiction. These findings contradict
 15 statements made by Defendants regarding the minimal risks associated with opioid use,
 16 including that the risk of addiction from chronic opioid use is low.

17 330. The Guideline also concludes that there is “[n]o evidence” to show “a long-term
 18 benefit of opioids in pain and function versus no opioids for chronic pain . . .” Furthermore, the
 19 Guideline indicates that “continuing opioid therapy for 3 months substantially increases the risk
 20 of opioid use disorder.” Indeed, the Guideline indicates that “[p]atients who do not experience
 21 clinically meaningful pain relief early in treatment . . . are unlikely to experience pain relief with
 22 longer-term use,” and that physicians should “reassess[] pain and function within 1 month” in
 23 order to decide whether to “minimize risks of long-term opioid use by discontinuing opioids”
 24 because the patient is “not receiving a clear benefit.” These findings flatly contradict claims
 25 made by the Defendants that there are minimal or no adverse effects of long-term opioid use, or
 26 that long-term opioid use could actually improve or restore a patient’s function.

1 331. In support of these statements about the lack of long-term benefits of opioid use,
 2 the CDC concluded that “[a]lthough opioids can reduce pain during short-term use, the clinical
 3 evidence review found insufficient evidence to determine whether pain relief is sustained and
 4 whether function or quality of life improves with long-term opioid therapy.” The CDC further
 5 found that “evidence is limited or insufficient for improved pain or function with long-term use
 6 of opioids for several chronic pain conditions for which opioids are commonly prescribed, such
 7 as low back pain, headache, and fibromyalgia.”

8 332. With respect to opioid dosing, the Guideline reports that “[b]enefits of high-dose
 9 opioids for chronic pain are not established” while the “risks for serious harms related to opioid
 10 therapy increase at higher opioid dosage.” The CDC specifically explains that “there is now an
 11 established body of scientific evidence showing that overdose risk is increased at higher opioid
 12 dosages.” The CDC also states that there is an “increased risk[] for opioid use disorder,
 13 respiratory depression, and death at higher dosages.” As a result, the CDC advises doctors to
 14 “avoid increasing dosage” above 90 MME per day. These findings contradict statements made
 15 by Defendants that increasing dosage is safe and that under-treatment is the cause for certain
 16 patients’ aberrant behavior.

17 333. The 2016 CDC Guideline also contradicts statements made by Defendants that
 18 there are reliable risk-mitigation tactics to reduce the risk of addiction. For instance, the
 19 Guideline indicates that available risk screening tools “show insufficient accuracy for
 20 classification of patients as at low or high risk for [opioid] abuse or misuse” and counsels that
 21 doctors “should not overestimate the ability of these tools to rule out risks from long-term opioid
 22 therapy.”

23 334. Finally, the 2016 CDC Guideline states that “[n]o studies” support the notion that
 24 “abuse-deterrent technologies [are] a risk mitigation strategy for deterring or preventing abuse,”
 25 noting that the technologies—even when they work—“do not prevent opioid abuse through oral

1 intake, the most common route of opioid abuse, and can still be abused by nonoral routes.” In
 2 particular, the CDC found as follows:

3 The “abuse-deterrent” label does not indicate that there is no risk for abuse. No
 4 studies were found in the clinical evidence review assessing the effectiveness of
 5 abuse-deterrent technologies as a risk mitigation strategy for deterring or
 6 preventing abuse. In addition, abuse-deterrent technologies do not prevent
 7 unintentional overdose through oral intake. Experts agreed that recommendations
 8 could not be offered at this time related to use of abuse-deterrent formulations.

9 Accordingly, the CDC’s findings regarding “abuse-deterrent technologies” directly contradict
 10 Purdue and Endo’s claims that their new pills deter or prevent abuse.

11 335. Notably, in addition to the findings made by the CDC in 2016, the Washington
 12 State Agency Medical Directors’ Group (AMDG)—a collaboration among several Washington
 13 State Agencies—published its *Interagency Guideline on Prescribing Opioids for Pain* in 2015.
 14 The AMDG came to many of the same conclusions as the CDC did. For example, the AMDG
 15 found that “there is little evidence to support long term efficacy of [chronic opioid analgesic
 16 therapy, or “COAT”] in improving function and pain, [but] there is ample evidence of its risk for
 17 harm . . .”¹⁹²

18 336. In addition, as discussed above, in contrast to Defendants’ statements that the
 19 1980 Porter and Jick letter provided evidence of the low risk of opioid addiction in pain patients,
 20 the NEJM recently published a letter largely debunking the use of the Porter and Jick letter as
 21 evidence for such a claim.¹⁹³ The researchers demonstrated how the Porter and Jick letter was
 22 irresponsibly cited and, in some cases, “grossly misrepresented,” when in fact it did not provide
 23 evidence supporting the broad claim of low addiction risk for all patients prescribed opioids for
 24 pain. As noted above, Dr. Jick reviewed only files of patients administered opioids in a hospital
 25 setting, rather than patients sent home with a prescription for opioids to treat chronic pain.

26 337. The authors of the 2017 letter described their methodology as follows:

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 28 ¹⁹² *Interagency Guideline on Prescribing Opioids for Pain*, Agency Med. Directors’ Group (June 2015),
 29 <http://www.agencymeddirectors.wa.gov/Files/2015AMDGOpoidGuideline.pdf>.

30 ¹⁹³ Leung, et al., *supra* note 110.

1 We performed a bibliometric analysis of this [1980] correspondence from its
 2 publication until March 30, 2017. For each citation, two reviewers independently
 3 evaluated the portrayal of the article's conclusions, using an adaptation of an
 4 established taxonomy of citation behavior along with other aspects of
 5 generalizability . . . For context, we also ascertained the number of citations of
 6 other stand-alone letters that were published in nine contemporaneous issues of the
 7 *Journal* (in the index issue and in the four issues that preceded and followed it).

8 We identified 608 citations of the index publication and noted a sizable increase
 9 after the introduction of OxyContin (a long-acting formulation of oxycodone) in
 10 1995 . . . **Of the articles that included a reference to the 1980 letter, the authors**
 11 **of 439 (72.2%) cited it as evidence that addiction was rare in patients treated**
with opioids. Of the 608 articles, the authors of 491 articles (80.8%) did not
note that the patients who were described in the letter were hospitalized at the
time they received the prescription, whereas some authors grossly
misrepresented the conclusions of the letter . . . Of note, affirmational citations
 12 have become much less common in recent years. In contrast to the 1980
 13 correspondence, 11 stand-alone letters that were published contemporaneously by
 14 the *Journal* were cited a median of 11 times.¹⁹⁴ (Emphasis added).

15 338. The researchers provided examples of quotes from articles citing the 1980 letter,
 16 and noted several shortcomings and inaccuracies with the quotations. For instance, the
 17 researchers concluded that these quotations (i) "overstate[] conclusions of the index publication,"
 18 (ii) do[] not accurately specify its study population," and (iii) did not adequately address
 19 "[l]imitations to generalizability."¹⁹⁵

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 194 *Id.* (emphasis added).

25 195 Supplementary Appendix to Pamela T.M. Leung, B.Sc. Pharm., Erin M. Macdonald, M.Sc., Matthew B.
 26 Stanbrook, M.D., Ph.D., Irfan Al Dhalla, M.D., David N. Juurlink, M.D., Ph.D., *A 1980 Letter on the Risk of*
Opioid Addiction, 376 N Engl J Med 2194-95 (June 1, 2017),
http://www.nejm.org/doi/suppl/10.1056/NEJMcl700150/suppl_file/nejmcl700150_appendix.pdf.

Quote	Reference	Comment
"This pain population with no abuse history is literally at no risk for addiction."	Kowal N. What is the issue?: pseudoaddiction or undertreatment of pain. <i>Nurs Econ</i> 1998;17(6):348-9	
"In truth, however, the medical evidence overwhelmingly indicates that properly administered opioid therapy rarely if ever results in "accidental addiction" or "opioid abuse"."	Libby RT. Treating Doctors as Drug Dealers: The Drug Enforcement Administration's War on Prescription Painkillers. <i>The Independent Review</i> 2006;10(4):511-545.	
"Fear of addiction may lead to reluctance by the physician to prescribe. [...] However, there is no evidence that this occurs when prescribing opioids for pain."	Iles S, Catterall JR, Hanks G. Use of opioid analgesics in a patient with chronic abdominal pain. <i>Int J Clin Pract</i> 2002;56(3):227-8.	
"In reality, medical opioid addiction is very rare. In Porter and Jick's study on patients treated with narcotics, only four of the 11,882 cases showed psychological dependency."	Liu W, Xie S, Yue L, et al. Investigation and analysis of oncologists' knowledge of morphine usage in cancer pain treatment. <i>Onco Targets Ther</i> 2014;7:729-37.	Overstates conclusions of the index publication does not accurately specify its study population. Limitations to generalizability are not otherwise explicitly mentioned.
"Physicians are frequently concerned about the potential for addiction when prescribing opiates; however, there have been studies suggesting that addiction rarely evolves in the setting of painful conditions."	Curtis LA, Morrell TD, Todd KH. Pain Management in the Emergency Department 2006;8(7).	
"Although medicine generally regards anecdotal information with disdain (rigorously controlled double-blind clinical trials are the "gold standard"), solid data on the low risk of addiction to opioid analgesics and the manageability of adverse side effects have been ignored or discounted in favor of the anecdotal, the scientifically unsupported, and the clearly fallacious."	Rich BA. Prioritizing pain management in patient care. Has the time come for a new approach. <i>Postgrad Med</i> 2001;110(3):15-7.	
"The Boston Drug Surveillance Program reviewed the charts of nearly 12,000 cancer pain patients treated over a decade and found only four of them could be labeled as addicts."	Levy MH. Pharmacologic management of cancer pain. <i>Semin Oncol</i> 1994;21(6):718-39.	Incorrectly identifies the index study population as cancer patients; does not otherwise address limitations to generalizability.

339. Based on this review, the researchers concluded as follows:

[W]e found that a five-sentence letter published in the Journal in 1980 was heavily and uncritically cited as evidence that addiction was rare with long-term opioid therapy. We believe that this citation pattern contributed to the North American opioid crisis by helping to shape a narrative that allayed prescribers' concerns about the risk of addiction associated with long-term opioid therapy. In 2007, the manufacturer of OxyContin and three senior executives pleaded guilty to federal criminal charges that they misled regulators, doctors, and patients about the risk of addiction associated with the drug. Our findings highlight the potential consequences of inaccurate citation and underscore the need for diligence when citing previously published studies.¹⁹⁶

196 Leung, et al., *supra* note 110.

1 340. These researchers' careful analysis demonstrates the falsity of Defendants' claim
 2 that this 1980 letter was evidence of a low risk of addiction in opioid-treated patients. By casting
 3 this letter as evidence of low risk of addiction, Defendants played fast and loose with the truth,
 4 with blatant disregard for the consequences of their misrepresentations.

5 **G. Whitman County Has Been Directly Affected by the Opioid Epidemic Caused by
 6 Defendants.**

7 341. Whitman County, located in eastern Washington State, has approximately 49,000
 8 residents. It includes the cities of Pullman, its largest, and Colfax, the county seat.

9 342. Much like the rest of the United States, Whitman County has felt the
 10 consequences of the opioid epidemic. As a direct result of Defendants' aggressive marketing
 11 scheme and distribution of excessive quantities of prescription opioids, Whitman County has
 12 suffered significant and ongoing harms—harms that will continue well into the future. Each day
 13 that Defendants continue to evade responsibility for the epidemic they caused, the County must
 14 continue allocating substantial resources to address it.

15 343. Opioid use has reached crisis levels across the country, and Whitman County is
 16 not immune to national trends. Statistics regarding opioid overdoses and treatment of opioid-use
 17 disorder—while not capturing the whole story of this far-reaching epidemic—provide
 18 quantitative indicators of the extent of the harm to Whitman County.

19 344. In Whitman County, the statistics show that, in recent years, the harm has only
 20 grown. For example, from 2002 to 2004, there were zero opioid-related deaths in Whitman
 21 County.¹⁹⁷ From 2015 to 2017, nine Whitman County residents lost their lives to opioids.¹⁹⁸

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¹⁹⁷ *Washington State Drug Overdose Quarterly Report*, Wash. St. Dep't of Health,
 26 <https://www.doh.wa.gov/DataandStatisticalReports/InjuryViolenceandPoisoning/InjuryData/WashingtonStateInjuryDataTables/OpioidQuarterlyReport> (last visited August 9, 2018).

198 *Id.*

1 345. In 2007, Whitman County's opioid prescribing rate rose to 66.6 prescriptions per
 2 100 persons.¹⁹⁹

3 346. Whitman County Health Department offers a needle exchange at two locations in
 4 the County, providing a one-for-one exchange of used needles for clean needles in an effort to
 5 prevent the spread of infectious diseases, such as HIV, hepatitis B, and hepatitis C.

6 347. Whitman County also has two drug take-back sites, one at the Sheriff's Office in
 7 Colfax and one at a local pharmacy.²⁰⁰ These drug-take-back sites are essential in providing a
 8 safe, convenient, and responsible way to dispose of prescription opioids and minimize the
 9 potential for abuse and diversion.

10 348. The County also incurs costs to fund admissions into hospitals and treatment
 11 programs for individuals with opioid-use disorder and has seen an increase in the rate of publicly
 12 funded treatment admissions for opioid addiction in recent years.

13 349. Whitman County continues to suffer the consequences of Defendants' misleading
 14 marketing and excessive distribution of prescription opioids. These consequences will continue
 15 well into the future. And, to truly end the harm to Whitman County will require resources the
 16 County does not have. The costs described in the following sections are illustrative but not
 17 exhaustive examples of the significant burden the opioid epidemic has imposed on the County.

18 **1. Whitman County's Emergency Medical Services has incurred costs in
 19 dealing with the harm caused by Defendants.**

20 350. Whitman County has incurred and continues to incur costs in protecting the health
 21 of its residents from the consequences of the opioid epidemic. These health-related costs stem
 22 from the acute need for emergency response in instances of opioid overdose, the prevalence of
 23 used needles and syringes throughout the County, and the need for prevention education.

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¹⁹⁹ *Opioid Overdose, U.S. County Prescribing Rates, 2007*, Ctrs. for Disease Control and Prevention,
<https://www.cdc.gov/drugoverdose/maps/rxcounty2007.html> (last updated July 31, 2017).

26 ²⁰⁰ Take Back Your Meds, <http://www.takebackyourmeds.org/22679-2/> (last visited August 9, 2018).

1 351. Whitman County Emergency Medical Services (“EMS”) provides essential
 2 emergency medical and life-saving services to the County.

3 352. As the first responders to overdoses, deaths, and injuries related to opioid abuse,
 4 EMS is at the front line of the opioid epidemic. Both in terms of responding to these emergencies
 5 and in training and preparing for them, EMS has incurred costs as a result of Defendants’
 6 conduct.

7 353. In most cases, a paramedic responding to a 9-1-1 call about an opioid overdose
 8 will administer naloxone—an expensive medication used to block and reverse the effects of an
 9 opioid overdose. Naloxone reverses opioid overdoses by binding to opioid receptors and thereby
 10 blocking the effects of the opioid substance, including respiratory depression. If naloxone is
 11 administered in time, it will restore the patient’s airway reflexes, respiratory drive, and level of
 12 consciousness. EMS spends considerable sums purchasing and distributing naloxone to its
 13 paramedics and will continue to do so well into the foreseeable future.

14 354. Overdoses are not the only opioid-related health emergencies to which EMS must
 15 respond. For example, opioids have helped to drive a wave of new health problems that EMS
 16 must deal with. Many of these health problems, including infections and infectious diseases, fall
 17 outside the typical emergencies for which EMS was designed to respond or address. As a result,
 18 opioids have had subtler effects on EMS and its budget.

19 355. Accordingly, EMS has shouldered and continues to shoulder a burden on its
 20 resources in responding to the opioid epidemic caused by Defendants.

21 **2. Whitman County’s criminal justice system, sheriff’s office, and parks have
 22 incurred substantial costs in responding to the epidemic caused by
 23 Defendants.**

24 356. The opioid epidemic has imposed serious costs and burdens on the County’s
 25 criminal justice resources. The County has had more opioid-related crimes to investigate and
 26 prosecute, and the County jail now houses more people arrested or convicted for drug-related
 crimes. But the costs aren’t limited to the criminal justice system; on the civil side, the County

1 has experienced a rise in the need for child-welfare interventions, including dependency
 2 proceedings and related services. While these actions are critical to keeping people safe in the
 3 County, the services are expensive and take resources away from the other work the County
 4 could be doing.

5 **a. Whitman County Prosecuting Attorney's Office and Public
 6 Defender's Office**

7 357. The Whitman County Prosecuting Attorney's Office ("PAO") represents the
 8 County in both criminal and civil matters. The opioid epidemic has had a significant impact on
 9 the PAO.

10 358. For example, the PAO commonly sees defendants charged with opioid-related
 11 offenses. It has also seen a rise in heroin use in the last five years. The County offers alternatives
 12 to prosecution for opioid-related crimes, such as the Whitman County Drug Treatment Court.

13 359. In 2017, Whitman County also saw the number of cases testing positive for any
 14 opioid more than double versus the average quarter in 2016. There were 7 cases, of which 4 were
 15 heroin and 3 prescription-type opioids.²⁰¹

16 360. Family support cases involving child support have also been affected by the
 17 prevalence of opioid addiction. When children are living in homes where one or both parents are
 18 addicted to opioids, the County often must step in to protect the children, provide services, and
 19 address the resulting legal implications.

20 361. The County is also responsible for paying for public defense costs. Although not
 21 every criminal prosecution involves a public defender, the majority of them do, and they
 22 represent a significant cost to the County. Indigent defense costs keep climbing.

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 25
 26 ²⁰¹ *New and emerging drugs in state crime lab evidence: Quarters 3 and 4, 2017*, Univ. of Wash. Alcohol & Drug
 Abuse Inst., https://adai.washington.edu/WAdata/new&emerging_cases.htm (last updated Jan. 3, 2018).

b. Whitman County Sheriff's Office

362. The Whitman County Sheriff's Office ("WCSO") safeguards lives and property throughout the entire County. As a result of the opioid epidemic, WCSO deals with opioid use and abuse daily in its contacts with individuals. WCSO devotes substantial resources to opioid-related crimes.

363. For example, WCSO officers commonly respond to opioid overdoses. The County expends resources equipping its officers with naloxone.

364. WCSO officers are also exposed to syringes and needles on the job, an added nuisance and harm that is a direct result of the crisis.

c. Whitman County Jail

365. The Whitman County Jail has experienced increased incarcerations for individuals arrested for opioid-related crimes. The jail's medical staff provides treatment to inmates for opioid dependence.

366. While Whitman County is committed to protecting and treating its inmates, the opioid epidemic has increased the costs of doing so for the County.

d. Whitman County Parks & Recreation Department

367. Whitman County's Parks & Recreation Department has also been affected by the opioid epidemic. Parks & Recreation is tasked with managing parks throughout the County.

368. Whitman County Parks & Recreation and the people who use Whitman County parks are affected by the opioid epidemic in a variety of ways, but primarily via exposure to used needles. For example, Parks staff have found used needles and syringes in park restrooms, garbage cans, and parking lots. Due to this, the County has expended resources to train Parks & Recreation staff on how to properly handle and dispose of needles.

1 **3. The opioid epidemic has also contributed to homelessness in Whitman
2 County.**

3 369. Another effect of the opioid epidemic in Whitman County is the persistence of
4 homelessness in the County, despite the County's efforts to address it. Although the causes of
5 homelessness are multi-faceted and complex, substance abuse is both a contributing cause and
6 result of homelessness. In Whitman, the opioid epidemic has contributed to and compounded the
7 problem of homelessness. Additionally, while the leading cause of death among homeless
8 Americans used to be HIV, it is now drug overdose. One study of individuals experiencing
9 homelessness in the Boston area, for example, found not only that overdoses were the leading
10 cause of death but also that 81% of those overdose deaths involved opioids.²⁰²

11 370. According to the annual Washington State Point-In-Time Count, the number of
12 homeless persons in Whitman County grew 722% from 2012 to 2015. In Whitman County in
13 2012, there was a total of nine sheltered and unsheltered homeless persons.²⁰³ By 2015, that
14 number rose to 74.²⁰⁴

15 371. Prescription opioids have helped perpetuate homelessness by making it
16 immeasurably more difficult for Whitman to address. For example, mental health services are
17 critical for many in the homeless population, but opioid use and addiction can make it more
18 difficult to provide effective mental health treatment. Opioids provide a way to self-medicate and
19 avoid getting the treatment that might lead to long-term success and more positive outcomes. In
20 addition, individuals using opioids regularly are unable to pass drug screenings to obtain
21 employment. Whether opioid addiction was a contributing cause or a result of homelessness,
22 opioid addictions now prevent many individuals from regaining permanent housing.

23 202 Travis P. Baggett, MD, MPH, Stephen W. Hwang, MD, MPH, James J. O'Connell, MD, et al., *Mortality Among
24 Homeless Adults in Boston, Shifts in Causes of Death Over a 15-Year Period*, 173 (3) JAMA Intern Med 189-95
25 (2013), <https://jamanetwork.com/journals/jamainternalmedicine/fullarticle/1556797#qundefined>.

26 203 2012 Point in Time Count, Wash. Dep't of Commerce (Jan. 2012), <http://www.commerce.wa.gov/wp-content/uploads/2016/10/hau.pit-count-2012.pdf>.

26 204 2015 Point in Time Count, Wash. Dep't of Commerce (Jan. 2015), <http://www.commerce.wa.gov/wp-content/uploads/2016/10/hau-pit-final-summary-2015.pdf>.

1 **H. No Federal Agency Action, Including by the FDA, Can Provide the Relief Whitman**
 2 **County Seeks Here.**

3 372. The injuries Whitman County has suffered and will continue to suffer cannot be
 4 addressed by agency or regulatory action. There are no rules the FDA could make or actions the
 5 agency could take that would provide Whitman County the relief it seeks in this litigation.

6 373. Even if prescription opioids were entirely banned today or only used for the
 7 intended purpose, millions of Americans, including Whitman County residents, would remain
 8 addicted to opioids, and overdoses will continue to claim lives. The County's public health,
 9 criminal justice, and social welfare services will continue to be burdened by the consequences of
 10 the epidemic.

11 374. Regulatory action would do nothing to compensate the County for the money and
 12 resources it has already expended addressing the impacts of the opioid epidemic and the
 13 resources it will need in the future. Only this litigation has the ability to provide the County with
 14 the relief it seeks.

15 375. Furthermore, the costs Whitman County has incurred in responding to the opioid
 16 crisis and in rendering public services described above are recoverable pursuant to the causes of
 17 actions raised by the County. Defendants' misconduct alleged herein is not a series of isolated
 18 incidents, but instead the result of a sophisticated and complex marketing scheme over the course
 19 of more than twenty years that has caused a substantial and long-term burden on the municipal
 20 services provided by the County. In addition, the public nuisance created by Defendants and the
 21 County's requested relief in seeking abatement further compels Defendants to reimburse and
 22 compensate Whitman County for the resources it has expended to address the opioid epidemic.

23 **V. CLAIMS FOR RELIEF**
 24 **COUNT ONE — VIOLATIONS OF THE WASHINGTON CONSUMER PROTECTION**
ACT, RCW 19.86, ET SEQ.

25 376. Plaintiff repeats, reasserts, and incorporates the allegations contained above as if
 26 fully set forth herein.

1 377. The Washington Consumer Protection Act is codified at RCW 19.86 *et seq.*
 2 (CPA). The CPA establishes a comprehensive framework for redressing the violations of
 3 applicable law, and municipalities of Washington State like Whitman County can enforce the
 4 CPA and recover damages. RCW 19.86.090. The conduct at issue in this case falls within the
 5 scope of the CPA.

6 378. The CPA prohibits unfair methods of competition and unfair or deceptive acts or
 7 practices in the conduct of any trade or commerce. Defendants engaged and continue to engage
 8 in the same pattern of unfair methods of competition, and unfair and/or deceptive conduct
 9 pursuant to a common practice of misleading the public regarding the purported benefits and
 10 risks of opioids.

11 379. Manufacturing Defendants, at all times relevant to this Complaint, directly and/or
 12 through their control of third parties, violated the CPA by making unfair and/or deceptive
 13 representations about the use of opioids to treat chronic and non-cancer pain, including to
 14 physicians and consumers in Whitman County. Each Manufacturing Defendant also omitted or
 15 concealed material facts and failed to correct prior misrepresentations and omissions about the
 16 purported benefits and risks of opioids. In addition, each Manufacturing Defendant's silence
 17 regarding the full risks of opioid use constitutes deceptive conduct prohibited by the CPA.

18 380. The Distributor Defendants, at all times relevant to this Complaint, directly and/or
 19 through their control of third parties, violated the CPA by making unfair and/or deceptive
 20 representations about their compliance with their obligations to maintain effective controls
 21 against diversion of prescription opioids and to report suspicious orders. The Distributor
 22 Defendants concealed the extent of their opioid distribution in order to avoid the issuance of
 23 restrictive quotas, and manipulated the political process to shield themselves from enforcement
 24 actions that would have stopped shipments of opioids.

25 381. These unfair methods of competition and unfair and/or deceptive acts or practices
 26 in the conduct of trade or commerce were reasonably calculated to deceive Whitman County and

1 its consumers, and did in fact deceive the County and its consumers. Each Manufacturing
 2 Defendant's misrepresentations, concealments, and omissions continue to this day.

3 382. As a result of Defendants' misrepresentations, Whitman County has spent
 4 substantial sums of money on increased law enforcement, emergency services, social services,
 5 public safety, and other human services in Whitman County.

6 383. But for these unfair methods of competition and unfair and/or deceptive acts or
 7 practices in the conduct of trade or commerce, Whitman County would not have incurred the
 8 massive costs related to the epidemic caused by Defendants.

9 384. Logic, common sense, justice, policy, and precedent indicate Manufacturing
 10 Defendants' unfair and deceptive conduct has caused the damage and harm complained of
 11 herein. Manufacturing Defendants knew or reasonably should have known that their statements
 12 regarding the risks and benefits of opioids were false and misleading, and that their statements
 13 were causing harm from their continued production and marketing of opioids. The Distributor
 14 Defendants knew or reasonably should have known that the proliferation of prescription opioids
 15 was causing damage to the County. Thus, the harms caused by Defendants' unfair and deceptive
 16 conduct to Whitman County were reasonably foreseeable, including the financial and economic
 17 losses incurred by the County.

18 385. Furthermore, Whitman County brings this cause of action in its sovereign
 19 capacity for the benefit of the State of Washington. The CPA expressly authorizes local
 20 governments to enforce its provisions and to recover damages for violations of the CPA, and this
 21 action is brought to promote the public welfare of the state and for the common good of the state.

22 386. As a direct and proximate cause of each Defendant's unfair and deceptive
 23 conduct, (i) the County has sustained and will continue to sustain injuries, and (ii) pursuant to
 24 RCW 19.86.090, the County is entitled to actual and treble damages in amounts to be determined
 25 at trial, attorneys' fees and costs, and all other relief available under the CPA.

387. The Court should also grant injunctive relief enjoining Defendants from future violations of the CPA. Defendants' actions, as complained of herein, constitute unfair competition or unfair, deceptive, or fraudulent acts or practices in violation of the CPA.

COUNT TWO — PUBLIC NUISANCE

388. Plaintiff repeats, reasserts, and incorporates the allegations contained above as if fully set forth herein.

389. Pursuant to RCW 7.48.010, an actionable nuisance is defined as, *inter alia*, “whatever is injurious to health or indecent or offensive to the senses . . .”

390. Pursuant to RCW 7.48.130, "A public nuisance is one which affects equally the rights of an entire community or neighborhood, although the extent of the damage may be unequal."

391. Plaintiff and its residents have a right to be free from conduct that endangers their health and safety. Yet Defendants have engaged in conduct which endangers or injures the health and safety of the residents of the County by their production, promotion, distribution, and marketing of opioids for use by residents of Whitman County and in a manner that substantially interferes with the welfare of Whitman County.

392. Each Defendant has created or assisted in the creation of a condition that is injurious to the health and safety of Whitman County and its residents, and interferes with the comfortable enjoyment of life and property of entire communities and/or neighborhoods in the County.

393. Defendants' conduct has directly caused deaths, serious injuries, and a severe disruption of the public peace, order and safety, including fueling the homeless and heroin crises facing the County described herein. Defendants' conduct is ongoing and continues to produce permanent and long-lasting damage.

1 394. The health and safety of the residents of Whitman County, including those who
 2 use, have used, or will use opioids, as well as those affected by users of opioids, are matters of
 3 substantial public interest and of legitimate concern to the County's citizens and its residents.

4 395. Defendants' conduct has affected and continues to affect a substantial number of
 5 people within Whitman County and is likely to continue causing significant harm to patients with
 6 chronic pain who are being prescribed and take opioids, their families, and their communities.

7 396. But for Defendants' actions, opioid use and ultimately its misuse and abuse would
 8 not be as widespread as it is today, and the massive epidemic of opioid abuse that currently exists
 9 would have been averted.

10 397. Logic, common sense, justice, policy, and precedent indicate Defendants' unfair
 11 and deceptive conduct has caused the damage and harm complained of herein. Manufacturing
 12 Defendants knew or reasonably should have known that their statements regarding the risks and
 13 benefits of opioids were false and misleading, and that their false and misleading statements
 14 were causing harm from their continued production and marketing of opioids. Distributor
 15 Defendants knew that the widespread distribution of opioids would endanger the health and
 16 safety of residents of Whitman County. Thus, the public nuisance caused by Defendants to
 17 Whitman County was reasonably foreseeable, including the financial and economic losses
 18 incurred by the County.

19 398. Furthermore, Whitman County brings this cause of action in its sovereign
 20 capacity for the benefit of the State of Washington. The applicable RCW with respect to a public
 21 nuisance expressly prohibits the conduct complained of herein, and this action is brought to
 22 promote the public welfare of the state and for the common good of the state.

23 399. In addition, engaging in any business in defiance of a law regulating or
 24 prohibiting the same is a nuisance per se under Washington law. Each Defendant's conduct
 25 described herein of deceptively marketing or excessively distributing opioids violates RCW
 26 7.48.010 and therefore constitutes a nuisance per se.

400. As a direct and proximate cause of Defendants' conduct creating or assisting in the creation of a public nuisance, Whitman County, its community, and its residents have sustained and will continue to sustain substantial injuries.

401. Pursuant to RCW 7.48.020, Plaintiff requests an order providing for abatement of the public nuisance that each Defendant has created or assisted in the creation of, and enjoining Defendants from future violations of RCW 7.48.010

402. Plaintiff also seeks the maximum statutory and civil penalties permitted by law as a result of the public nuisance created by Defendants.

COUNT THREE — NEGLIGENCE

403. Plaintiff repeats, reasserts, and incorporates the allegations contained above as if fully set forth herein.

404. Under Washington law, a cause of action arises for negligence when a defendant owes a duty to a plaintiff and breaches that duty, and proximately causes the resulting injury.

Iwai v. State, 129 Wn. 2d 84, 96, 915 P.2d 1089 (1996).

405. Each Defendant owed a duty of care to Whitman County, including but not limited to taking reasonable steps to prevent the misuse, abuse, and over-prescription of opioids.

406. In violation of this duty, Defendants failed to take reasonable steps to prevent the misuse, abuse, and over-prescription of opioids in Whitman County by misrepresenting the risks and benefits associated with opioids and by distributing dangerous quantities of opioids.

407. As set forth above, Manufacturing Defendants' misrepresentations include falsely claiming that the risk of opioid addiction was low, falsely instructing doctors and patients that prescribing more opioids was appropriate when patients presented symptoms of addiction, falsely claiming that risk-mitigation strategies could safely address concerns about addiction, falsely claiming that doctors and patients could increase opioid doses indefinitely without added risk, deceptively marketing that purported abuse-deterring technology could curb misuse and addiction, and falsely claiming that long-term opioid use could actually restore function and

1 improve a patient's quality of life. Each of these misrepresentations made by Defendants violated
 2 the duty of care to Whitman County.

3 408. Distributor Defendants negligently distributed enormous quantities of potent
 4 narcotics and failed to report such distributions. Distributor Defendants violated their duty of
 5 care by moving these dangerous products into Whitman County in such quantities, facilitating
 6 diversion, misuse, and abuse of opioids.

7 409. As a direct and proximate cause of Defendants' unreasonable and negligent
 8 conduct, Plaintiff has suffered and will continue to suffer harm, and is entitled to damages in an
 9 amount determined at trial.

10 **COUNT FOUR — GROSS NEGLIGENCE**

11 410. Plaintiff repeats, reasserts, and incorporates the allegations contained above as if
 12 fully set forth herein.

13 411. As set forth above, each Defendant owed a duty of care to Whitman County,
 14 including but not limited to taking reasonable steps to prevent the misuse, abuse, and over-
 15 prescription of opioids.

16 412. In violation of this duty, each Defendant failed to take reasonable steps to prevent
 17 the misuse, abuse, and over-prescription of opioids in Whitman County by misrepresenting the
 18 risks and benefits associated with opioids.

19 413. In addition, each Defendant knew or should have known, and/or recklessly
 20 disregarded, that the opioids they manufactured, promoted, and distributed were being used for
 21 unintended uses.

22 414. For instance, Defendants failed to exercise slight care to Whitman County by,
 23 *inter alia*, failing to take appropriate action to stop opioids from being used for unintended
 24 purposes. Furthermore, despite each Defendant's actual or constructive knowledge of the wide
 25 proliferation of prescription opioids in Whitman County, Defendants took no action to prevent
 26 the abuse and diversion of these drugs. In fact, Manufacturing Defendants promoted and actively

targeted doctors and their patients through training their sales representatives to encourage doctors to prescribe more opioids.

415. Manufacturing Defendants' misrepresentations include falsely claiming that the risk of opioid addiction was low, falsely instructing doctors and patients that prescribing more opioids was appropriate when patients presented symptoms of addiction, falsely claiming that risk-mitigation strategies could safely address concerns about addiction, falsely claiming that doctors and patients could increase opioid doses indefinitely without added risk, deceptively marketing that purported abuse-deterrent technology could curb misuse and addiction, and falsely claiming that long-term opioid use could actually restore function and improve a patient's quality of life. Each of these misrepresentations made by Manufacturing Defendants violated the duty of care to Plaintiff, in a manner that is substantially and appreciably greater than ordinary negligence.

416. Distributor Defendants continued to funnel enormous quantities of opioids into Whitman County, long after they knew that these products were being misused, abused, and diverted. By permitting the movement of such excessive quantities of dangerous narcotics into Whitman County, Distributor Defendants endangered the health and safety of Whitman County residents, in a manner that is substantially and appreciably greater than ordinary negligence.

417. As a direct and proximate cause of each Defendant's gross negligence, Plaintiff has suffered and will continue to suffer harm, and is entitled to damages in an amount determined at trial.

COUNT FIVE — UNJUST ENRICHMENT

418. Plaintiff repeats, reasserts, and incorporates the allegations contained above as if fully set forth herein.

419. Each Defendant was required to take reasonable steps to prevent the misuse, abuse, and over-prescription of opioids.

420. Rather than prevent or mitigate the wide proliferation of opioids into Whitman County, each Defendant instead chose to place its monetary interests first and each Defendant profited from prescription opioids sold in Whitman County.

421. Each Defendant also failed to maintain effective controls against the unintended and illegal use of the prescription opioids it manufactured or distributed, again choosing instead to place its monetary interests first.

422. Each Defendant therefore received a benefit from the sale and distribution of prescription opioids to and in Whitman County, and these Defendants have been unjustly enriched at the expense of Plaintiff.

423. As a result, Plaintiff is entitled to damages on its unjust enrichment claim in an amount to be proven at trial.

COUNT SIX — VIOLATIONS OF THE RACKETEER INFLUENCED AND CORRUPT ORGANIZATIONS ACT (“RICO”), 18 U.S.C. § 1961, ET SEQ.

424. Plaintiff hereby incorporates by reference the allegations contained in the preceding paragraphs of this complaint.

425. This claim is brought by Plaintiff against each Defendant for actual damages, treble damages, and equitable relief under 18 U.S.C. § 1964 for violations of 18 U.S.C. § 1961, *et seq.*

426. At all relevant times, each Defendant is and has been a “person” within the meaning of 18 U.S.C. § 1961(3), because they are capable of holding, and do hold, “a legal or beneficial interest in property.”

427. Plaintiff is a “person,” as that term is defined in 18 U.S.C. § 1961(3), and has standing to sue as it was and is injured in its business and/or property as a result of the Defendants’ wrongful conduct described herein.

428. Section 1962(c) makes it “unlawful for any person employed by or associated with any enterprise engaged in, or the activities of which affect, interstate or foreign commerce,

1 to conduct or participate, directly or indirectly, in the conduct of such enterprise's affairs through
 2 a pattern of racketeering activity . . ." 18 U.S.C. § 1962(c).

3 429. Section 1962(d) makes it unlawful for "any person to conspire to violate" Section
 4 1962(c), among other provisions. *See* 18 U.S.C. § 1962(d).

5 430. Each Defendant conducted the affairs of an enterprise through a pattern of
 6 racketeering activity, in violation of 18 U.S.C. § 1962(c) and § 1962(d).

7 **A. Description of the Defendants' Enterprises**

8 431. RICO defines an enterprise as "any individual, partnership, corporation,
 9 association, or other legal entity, and any union or group of individuals associated in fact
 10 although not a legal entity." 18 U.S.C. § 1961(4).

11 432. Under 18 U.S.C. § 1961(4) a RICO "enterprise" may be an association-in-fact
 12 that, although it has no formal legal structure, has (i) a common purpose, (ii) relationships among
 13 those associated with the enterprise, and (iii) longevity sufficient to pursue the enterprise's
 14 purpose. *See Boyle v. United States*, 556 U.S. 938, 946 (2009).

15 433. Defendants formed two such association-in-fact enterprises—referred to herein as
 16 "the Promotion Enterprise" and "the Diversion Enterprise."

17 434. The Promotion Enterprise consists of the Manufacturing Defendants, Front
 18 Groups, and KOLs. In particular, the Enterprise consists of (a) Defendant Purdue, including its
 19 employees and agents, (b) Defendant Endo, including its employees and agents, (c) Defendant
 20 Janssen, including its employees and agents, (d) Defendant Cephalon, including its employees
 21 and agents, (e) Defendant Actavis, including its employees and agents, and (f) Defendant
 22 Mallinckrodt, including its employees and agents (collectively, "Manufacturing Defendants");
 23 certain front groups described above, including but not limited to (a) the American Pain
 24 Foundation, including its employees and agents, (b) the American Academy of Pain Medicine,
 25 including its employees and agents, and (c) the American Pain Society, including its employees
 26 and agents (collectively, the "Front Groups"); and certain Key Opinion Leaders, including but

1 not limited to (a) Dr. Russell Portenoy, (b) Dr. Perry Fine, (c) Dr. Lynn Webster, and (d) Dr.
 2 Scott Fishman (collectively, the “KOLs”). The entities in the Promotion Enterprise acted in
 3 concert to create demand for prescription opioids.

4 435. Alternatively, each of the above-named Manufacturing Defendants and Front
 5 Groups constitutes a single legal entity “enterprise” within the meaning of 18 U.S.C. § 1961(4),
 6 through which the members of the enterprise conducted a pattern of racketeering activity. The
 7 separate legal status of each member of the Enterprise facilitated the fraudulent scheme and
 8 provided a hoped-for shield from liability for Defendants and their co-conspirators.

9 436. Alternatively, each of the Manufacturing Defendants, together with the
 10 Distributor Defendants, the Front Groups, and the KOLs, constitute separate, associated-in-fact
 11 Enterprises within the meaning of 18 U.S.C. § 1961(4).

12 437. The Diversion Enterprise consists of all Defendants. In particular, the Enterprise
 13 consists of (a) Defendant Purdue, including its employees and agents, (b) Defendant Endo,
 14 including its employees and agents, (c) Defendant Janssen, including its employees and agents,
 15 (d) Defendant Cephalon, including its employees and agents, (e) Defendant Actavis, including its
 16 employees and agents, (f) Defendant Mallinckrodt, including its employees and agents, (g)
 17 Defendant AmerisourceBergen, including its employees and agents, (h) Defendant Cardinal
 18 Health, including its employees and agents, and (i) Defendant McKesson, including its
 19 employees and agents (collectively, “Defendants”).

20 438. The CSA and its implementing regulations require all manufacturers and
 21 distributors of controlled substances, including opioids, to maintain a system to identify and
 22 report suspicious orders, including orders of unusual size or frequency, or orders deviating from
 23 a normal pattern, and maintain effective controls against diversion of controlled substances. *See*
 24 21 U.S.C. § 823; 21 C.F.R. §1301.74(b). The Manufacturing Defendants and the Distributor
 25 Defendants alike are required to become “registrants” under the CSA, 21 U.S.C. § 823(a)-(b),
 26 and its implementing regulations, which provide that “[e]very person who manufactures,

1 distributes, dispenses, imports, or exports any controlled substance. . . shall obtain a
 2 registration[.]” 21 C.F.R. § 1301.11(a). Defendants’ duties as registrants include reporting
 3 suspicious orders of controlled substances, which are defined as including “orders of unusual
 4 size, orders deviating substantially from a normal pattern, and orders of unusual frequency.” 21
 5 C.F.R. § 1301.74(b).

6 439. The Manufacturing Defendants carried out the Diversion Enterprise by
 7 incentivizing and supplying suspicious sales of opioids, despite their knowledge that their
 8 opioids were being diverted to illicit use, and by failing to notify the DEA of such suspicious
 9 orders as required by law. The Distributor Defendants carried out the Diversion Enterprise by
 10 failing to maintain effective controls against diversion, intentionally evading their obligation to
 11 report suspicious orders to the DEA, and conspiring to prevent limits on the prescription opioids
 12 they were oversupplying to communities like Plaintiff.

13 440. The Promotion Enterprise is an ongoing and continuing business organization
 14 consisting of “persons” within the meaning of 18 U.S.C. § 1961(3) that created and maintained
 15 systematic links for a common purpose: to sell highly addictive opioids for treatment of chronic
 16 pain while knowing that opioids have little or no demonstrated efficacy for such pain and have
 17 significant risk of addiction, overdose, and death.

18 441. The Distribution Enterprise is an ongoing and continuing business organization
 19 consisting of “persons” within the meaning of 18 U.S.C. § 1961(3) that created and maintained
 20 systematic links for a common purpose: to distribute highly addictive opioids in quantities that
 21 far exceeded amounts that could reasonably be considered medically necessary.

22 442. To accomplish these purposes, the Promotion Enterprise engaged in a
 23 sophisticated, well-developed, and fraudulent marketing scheme designed to increase the
 24 prescription rate for Defendants’ opioid medications (the “Promotion Scheme”), and the
 25 Diversion Enterprise carried out a scheme to systematically disregard, avoid, or frustrate the
 26 monitoring and reporting requirements intended to prevent the widespread distribution of

1 dangerous controlled substances (the “Diversion Scheme”). The Promotion Scheme and the
 2 Diversion Scheme are collectively referred to as the “Schemes.”

3 **B. The Enterprises Sought to Fraudulently Increase Defendants’ Profits and Revenues**

4 443. At all relevant times, each Defendant was aware of the conduct of the Enterprises,
 5 was a knowing and willing participant in that conduct, and reaped profits from that conduct in
 6 the form of increased sales and distribution of prescription opioids. In addition, the Front Groups
 7 and KOLs received direct payments from the Manufacturing Defendants in exchange for their
 8 role in the Promotion Enterprise, and to advance the Promotion Enterprise’s fraudulent
 9 marketing scheme.

10 444. The Enterprises engaged in, and their activities affected, interstate and foreign
 11 commerce because they involved commercial activities across state boundaries, including but not
 12 limited to: (1) the marketing, promotion, and distribution of prescription opioids; (2) advocacy at
 13 the state and federal level for change in the law governing the use and prescription of
 14 prescription opioids; (3) the issuance of prescriptions and prescription guidelines for opioids; (4)
 15 the issuance of fees, bills, and statements demanding payment for prescriptions of opioids; (5)
 16 payments, rebates, and chargebacks between Defendants; and (6) the creation of documents,
 17 reports, and communications related to Defendants’ reporting requirements under the CSA and
 18 its implementing regulations.

19 445. The persons engaged in the Enterprises are systematically linked through
 20 contractual relationships, financial ties, and continuing coordination of activities, as spearheaded
 21 by Defendants. With respect to the Promotion Enterprise, each Manufacturing Defendant funded
 22 and directed the operations of the KOLs and the Front Groups; in fact, the board of directors of
 23 each of the Front Groups are and were full of doctors who were on the Manufacturing
 24 Defendants’ payrolls, either as consultants or speakers at medical events. Moreover, each
 25 Manufacturing Defendant coordinated and, at times, co-funded their activities in furtherance of
 26 the goals of the Enterprise. This coordination can also be inferred through the consistent

1 misrepresentations described below. With respect to the Diversion Enterprise, Defendants were
 2 financially linked through a system of payments, rebates, and chargebacks.

3 446. In the Promotion Enterprise, there is regular communication between each
 4 Manufacturing Defendant, each of the Front Groups, and each KOL in which information
 5 regarding the Defendants' scheme to increase opioid prescriptions is shared. Typically, this
 6 communication occurred, and continues to occur, through the use of the wires and the mail in
 7 which Manufacturing Defendants, the Front Groups, and the KOL share information regarding
 8 the operation of the Promotion Enterprise.

9 447. In the Diversion Enterprise, there is regular communication between each
 10 Defendant in which information regarding the Defendants' scheme to oversupply opioids and
 11 avoid restrictive regulations or quotas is shared. Typically, this communication occurred, and
 12 continues to occur, through the use of the wires and the mail in which Defendants share
 13 information regarding the operation of the Diversion Enterprise.

14 448. The Enterprises functioned as continuing units for the purposes of executing the
 15 Schemes, and when issues arose during the Schemes, each member of the Enterprises agreed to
 16 take actions to hide the Schemes and the existence of the Enterprises.

17 449. Each Defendant participated in the operation and management of the Enterprises
 18 by directing its affairs as described herein.

19 450. While Defendants participate in, and are members of, the Enterprises, they have
 20 an existence separate from the Enterprises, including distinct legal statuses, affairs, offices and
 21 roles, officers, directors, employees, and individual personhood.

22 451. Each Manufacturing Defendant orchestrated the affairs of the Promotion
 23 Enterprise and exerted substantial control over the Promotion Enterprise by, at least: (1) making
 24 misleading statements about the purported benefits, efficacy, and risks of opioids to doctors,
 25 patients, the public, and others, in the form of telephonic and electronic communications, CME
 26 programs, medical journals, advertisements, and websites; (2) employing sales representatives to

1 promote the use of opioid medications; (3) purchasing and utilizing sophisticated marketing data
 2 (e.g., IMS data) to coordinate and refine the Promotion Scheme; (4) employing doctors to serve
 3 as speakers at or attend all-expense paid trips to programs emphasizing the benefits of
 4 prescribing opioid medications; (5) funding, controlling, and operating the Front Groups,
 5 including the American Pain Foundation and the Pain & Policy Studies Group; (6) sponsoring
 6 CME programs that claimed that opioid therapy has been shown to reduce pain and depressive
 7 symptoms; (7) supporting and sponsoring guidelines indicating that opioid medications are
 8 effective and can restore patients' quality of life; (8) retaining KOLs to promote the use of
 9 opioids; and (9) concealing the true nature of their relationships with the other members of the
 10 Promotion Scheme, and the Promotion Enterprise, including the Front Groups and the KOLs.

11 452. The Front Groups orchestrated the affairs of the Promotion Enterprise and exerted
 12 substantial control over the Promotion Enterprise by, at least: (1) making misleading statements
 13 about the purported benefits, efficacy, and low risks of opioids described herein; (2) holding
 14 themselves out as independent advocacy groups, when in fact their operating budgets are entirely
 15 comprised of contributions from opioid drug manufacturers; (3) publishing treatment guidelines
 16 that advised the prescription of opioids; (4) sponsoring medical education programs that touted
 17 the benefits of opioids to treat chronic pain while minimizing and trivializing their risks; and (5)
 18 concealing the true nature of their relationship with the other members of the Promotion
 19 Enterprise.

20 453. The KOLs orchestrated the affairs of the Promotion Enterprise and exerted
 21 substantial control over the Promotion Enterprise by, at least: (1) making misleading statements
 22 about the purported benefits, efficacy, and low risks of opioids; (2) holding themselves out as
 23 independent, when in fact they are systematically linked to and funded by opioid drug
 24 manufacturers; and (3) concealing the true nature of their relationship with the other members of
 25 the Promotion Enterprise.

1 454. Without the willing participation of each member of the Promotion Enterprise, the
 2 Promotion Scheme and the Promotion Enterprise's common course of conduct would not have
 3 been successful.

4 455. Each Distributor Defendant orchestrated the affairs of the Diversion Enterprise
 5 and exerted substantial control over the Diversion Enterprise by, at least: (1) refusing or failing
 6 to identify, investigate, or report suspicious orders of opioids to the DEA; (2) providing the
 7 Manufacturing Defendants with data regarding their prescription opioid sales, including purchase
 8 orders and ship notices; (3) accepting payments from the Manufacturing Defendants in the form
 9 of rebates and/or chargebacks; (4) filling suspicious orders for prescription opioids despite
 10 having identified them as suspicious and knowing opioids were being diverted into the illicit
 11 drug market; (5) working with other members of the Enterprise through groups like the
 12 Healthcare Distribution Alliance to ensure the free flow of opioids, including by supporting
 13 limits on the DEA's ability to use immediate suspension orders; and (6) concealing the true
 14 nature of their relationships with the other members of the Diversion Enterprise.

15 456. Each Manufacturing Defendant orchestrated the affairs of the Diversion
 16 Enterprise and exerted substantial control over the Diversion Enterprise by, at least: (1) refusing
 17 or failing to identify, investigate, or report suspicious orders of opioids to the DEA; (2) obtaining
 18 from the Distributor Defendants data regarding their prescription opioid sales, including
 19 purchase orders and ship notices; (3) providing payments to the Distributor Defendants in the
 20 form of rebates and/or chargebacks; (4) working with other members of the Diversion Enterprise
 21 through groups like the Healthcare Distribution Alliance to ensure the free flow of opioids,
 22 including by supporting limits on the DEA's ability to use immediate suspension orders; and (5)
 23 concealing the true nature of their relationships with the other members of the Diversion
 24 Enterprise.

1 457. Without the willing participation of each member of the Diversion Enterprise, the
 2 Diversion Scheme and the Diversion Enterprise's common course of conduct would not have
 3 been successful.

4 **C. Predicate Acts: Mail and Wire Fraud**

5 458. To carry out, or attempt to carry out, the Schemes, the members of the
 6 Enterprises, each of whom is a person associated-in-fact with the Enterprises, did knowingly
 7 conduct or participate in, directly or indirectly, the affairs of the Enterprises through a pattern of
 8 racketeering activity within the meaning of 18 U.S.C. §§ 1961(1), 1961(5) and 1962(c), and
 9 employed the use of the mail and wire facilities, in violation of 18 U.S.C. § 1341 (mail fraud)
 10 and § 1343 (wire fraud).

11 459. Specifically, the members of the Enterprises have committed, conspired to
 12 commit, and/or aided and abetted in the commission of, at least two predicate acts of
 13 racketeering activity (i.e., violations of 18 U.S.C. §§ 1341 and 1343), within the past ten years.

14 460. The multiple acts of racketeering activity which the members of the Enterprises
 15 committed, or aided or abetted in the commission of, were related to each other, posed a threat of
 16 continued racketeering activity, and therefore constitute a "pattern of racketeering activity."

17 461. The racketeering activity was made possible by the Enterprises' regular use of the
 18 facilities, services, distribution channels, and employees of the Enterprises.

19 462. The members of the Enterprises participated in the Schemes by using mail,
 20 telephone, and the internet to transmit mailings and wires in interstate or foreign commerce.

21 463. The members of the Enterprises used, directed the use of, and/or caused to be
 22 used, thousands of interstate mail and wire communications in service of their Schemes through
 23 common misrepresentations, concealments, and material omissions.

24 464. In devising and executing the illegal Schemes, the members of the Enterprises
 25 devised and knowingly carried out a material scheme and/or artifice to defraud Plaintiff and the
 26

1 public to obtain money by means of materially false or fraudulent pretenses, representations,
 2 promises, or omissions of material facts.

3 465. For the purpose of executing the illegal Schemes, the members of the Enterprises
 4 committed these racketeering acts, which number in the thousands, intentionally and knowingly
 5 with the specific intent to advance the illegal Schemes.

6 466. The Enterprises' predicate acts of racketeering (18 U.S.C. § 1961(1)) include, but
 7 are not limited to:

8 A. Mail Fraud: The members of the Enterprises violated 18 U.S.C. § 1341 by
 9 sending or receiving, or by causing to be sent and/or received, fraudulent materials
 10 via U.S. mail or commercial interstate carriers for the purpose of selling and
 11 distributing excessive quantities of highly addictive opioids.

12 B. Wire Fraud: The members of the Enterprises violated 18 U.S.C. § 1343 by
 13 transmitting and/or receiving, or by causing to be transmitted and/or received,
 14 fraudulent materials by wire for the purpose of selling and distributing excessive
 15 quantities of highly addictive opioids.

16 467. The Manufacturing Defendants falsely and misleadingly used the mails and wires
 17 in violation of 18 U.S.C. § 1341 and § 1343. Illustrative and non-exhaustive examples include
 18 the following: Defendant Purdue's (1) May 31, 1996 press release announcing the release of
 19 OxyContin and indicating that the fear of OxyContin's addictive properties was exaggerated; (2)
 20 1990 promotional video in which Dr. Portenoy, a paid Purdue KOL, understated the risk of
 21 opioid addiction; (3) 1998 promotional video which misleadingly cited a 1980 NEJM letter in
 22 support of the use of opioids to treat chronic pain; (4) statements made on its 2000 "Partners
 23 Against Pain" website which claimed that the addiction risk of OxyContin was very low; (5)
 24 literature distributed to physicians which misleadingly cited a 1980 NEJM letter in support of the
 25 use of opioids to treat chronic pain; (6) August 2001 statements to Congress by Purdue
 26 Executive Vice President and Chief Operating Officer Michael Friedman regarding the value of
 OxyContin in treating chronic pain; (7) patient brochure entitled "A Guide to Your New Pain
 Medicine and How to Become a Partner Against Pain" indicating that OxyContin is non-

1 addicting; (8) 2001 statement by Senior Medical Director for Purdue, Dr. David Haddox,
 2 indicating that the ‘legitimate’ use of OxyContin would not result in addiction; (9) multiple sales
 3 representatives’ communications regarding the low risk of addiction associated with opioids;
 4 (10) statements included in promotional materials for opioids distributed to doctors via the mail
 5 and wires; (11) statements in a 2003 Patient Information Guide distributed by Purdue indicating
 6 that addiction to opioid analgesics in properly managed patients with pain has been reported to
 7 be rare; (12) telephonic and electronic communications to doctors and patients indicating that
 8 signs of addiction in the case of opioid use are likely only the signs of under-treated pain; (13)
 9 statements in Purdue’s Risk Evaluation and Mitigation Strategy for OxyContin indicating that
 10 drug-seeking behavior on the part of opioid patients may, in fact, be pain-relief seeking behavior;
 11 (14) statements made on Purdue’s website and in a 2010 “Dear Healthcare Professional” letter
 12 indicating that opioid dependence can be addressed by dosing methods such as tapering; (15)
 13 statements included in a 1996 sales strategy memo indicating that there is no ceiling dose for
 14 opioids for chronic pain; (16) statements on its website that abuse-resistant products can prevent
 15 opioid addiction; (17) statements made in a 2012 series of advertisements for OxyContin
 16 indicating that long-term opioid use improves patients’ function and quality of life; (18)
 17 statements made in advertising and a 2007 book indicating that pain relief from opioids improve
 18 patients’ function and quality of life; (19) telephonic and electronic communications by its sales
 19 representatives indicating that opioids will improve patients’ function; and (20) electronic and
 20 telephonic communications concealing its relationship with the other members of the
 21 Enterprises.

22 468. Defendant Endo Pharmaceuticals, Inc. also made false or misleading claims in
 23 violation of 18 U.S.C. § 1341 and § 1343 including but not limited to: (1) statements made,
 24 beginning in at least 2009, on an Endo-sponsored website, PainKnowledge.com, indicating that
 25 patients who take opioids as prescribed usually do not become addicted; (2) statements made on
 26 another Endo-sponsored website, PainAction.com, indicating that most chronic pain patients do

1 not become addicted to opioid medications; (3) statements in pamphlets and publications
 2 described by Endo indicating that most people who take opioids for pain relief do not develop an
 3 addiction; (4) statements made on the Endo-run website, Opana.com, indicating that opioid use
 4 does not result in addiction; (5) statements made on the Endo-run website, Opana.com,
 5 indicating that opioid dependence can be addressed by dosing methods such as tapering; (6)
 6 statements made on its website, PainKnowledge.com, that opioid dosages could be increased
 7 indefinitely; (7) statements made in a publication entitled “Understanding Your Pain: Taking
 8 Oral Opioid Analgesics” suggesting that opioid doses can be increased indefinitely; (8)
 9 electronic and telephonic communications to its sales representatives indicating that the formula
 10 for its medicines is ‘crush resistant;’ (9) statements made in advertisements and a 2007 book
 11 indicating that pain relief from opioids improves patients’ function and quality of life; (10)
 12 telephonic and electronic communications by its sales representatives indicating that opioids will
 13 improve patients’ function; and (11) telephonic and electronic communications concealing its
 14 relationship with the other members of the Enterprises.

15 469. Defendant Janssen made false or misleading claims in violation of 18 U.S.C. §
 16 1341 and § 1343 including but not limited to: (1) statements on its website,
 17 PrescribeResponsibly.com, indicating that concerns about opioid addiction are overestimated; (2)
 18 statements in a 2009 patient education guide claiming that opioids are rarely addictive when used
 19 properly; (3) statements included on a 2009 Janssen-sponsored website promoting the concept of
 20 opioid pseudoaddiction; (4) statements on its website, PrescribeResponsibly.com, advocating the
 21 concept of opioid pseudoaddiction; (5) statements on its website, PrescribeResponsibly.com,
 22 indicating that opioid addiction can be managed; (6) statements in its 2009 patient education
 23 guide indicating the risks associated with limiting the dosages of pain medicines; (7) telephonic
 24 and electronic communications by its sales representatives indicating that opioids will improve
 25 patients’ function; and (8) telephonic and electronic communications concealing its relationship
 26 with the other members of the Enterprises.

1 470. The American Academy of Pain Medicine made false or misleading claims in
 2 violation of 18 U.S.C. § 1341 and § 1343 including but not limited to: (1) statements made in a
 3 2009 patient education video entitled “Finding Relief: Pain Management for Older Adults”
 4 indicating the opioids are rarely addictive; and (2) telephonic and electronic communications
 5 concealing its relationship with the other members of the Promotion Enterprise.

6 471. The American Pain Society Quality of Care Committee made a number of false or
 7 misleading claims in violation of 18 U.S.C. § 1341 and § 1343 including but not limited to: (1) a
 8 May 31, 1996 press release in which the organization claimed there is very little risk of addiction
 9 from the proper use of drugs for pain relief; and (2) telephonic and electronic communications
 10 concealing its relationship with the other members of the Promotion Enterprise.

11 472. The American Pain Foundation (“APF”) made a number of false and misleading
 12 claims in violation of 18 U.S.C. § 1341 and § 1343 including but not limited to: (1) statements
 13 made by an APF Executive Director to Congress indicating that opioids only rarely lead to
 14 addiction; (2) statements made in a 2002 amicus curiae brief filed with an Ohio appeals court
 15 claiming that the risk of abuse does not justify restricting opioid prescriptions for the treatment
 16 of chronic pain; (3) statements made in a 2007 publication entitled “Treatment Options: A Guide
 17 for People Living with Pain” indicating that the risks of addiction associated with opioid
 18 prescriptions have been overstated; (4) statements made in a 2002 court filing indicating that
 19 opioid users are not “actual addicts”; (5) statements made in a 2007 publication entitled
 20 “Treatment Options: A Guide for People Living with Pain” indicating that even physical
 21 dependence on opioids does not constitute addiction; (6) claims on its website that there is no
 22 ceiling dose for opioids for chronic pain; (7) statements included in a 2011 guide indicating that
 23 opioids can improve daily function; and (8) telephonic and electronic communications
 24 concealing its relationship with the other members of the Promotion Enterprise.

25 473. The KOLs, including Drs. Russell Portenoy, Perry Fine, Scott Fishman, and Lynn
 26 Webster, made a number of misleading statements in the mail and wires in violation of 18 U.S.C.

1 § 1341 and § 1343, described above, including statements made by Dr. Portenoy in a
 2 promotional video indicating that the likelihood of addiction to opioid medications is extremely
 3 low. Indeed, Dr. Portenoy has since admitted that his statements about the safety and efficacy of
 4 opioids were false.

5 474. The Manufacturing Defendants and Distributor Defendants falsely and
 6 misleadingly used the mails and wires in violation of 18 U.S.C. § 1341 and § 1343. Illustrative
 7 and non-exhaustive examples include the following: (1) the transmission of documents and
 8 communications regarding the sale, shipment, and delivery of excessive quantities of
 9 prescription opioids, including invoices and shipping records; (2) the transmission of documents
 10 and communications regarding their requests for higher aggregate production quotas, individual
 11 manufacturing quotas, and procurement quotas; (3) the transmission of reports to the DEA that
 12 did not disclose suspicious orders as required by law; (4) the transmission of documents and
 13 communications regarding payments, rebates, and chargebacks; (5) the transmission of the actual
 14 payments, rebates, and chargebacks themselves; (6) correspondence between Defendants and
 15 their representatives in front groups and trade organizations regarding efforts to curtail
 16 restrictions on opioids and hobble DEA enforcement actions; (7) the submission of false and
 17 misleading certifications required annually under various agreements between Defendants and
 18 federal regulators; and (8) the shipment of vast quantities of highly addictive opioids. Defendants
 19 also communicated by U.S. mail, by interstate facsimile, and by interstate electronic mail and
 20 with various other affiliates, regional offices, regulators, distributors, and other third-party
 21 entities in furtherance of the scheme.

22 475. In addition, the Distributor Defendants misrepresented their compliance with laws
 23 requiring them to identify, investigate, and report suspicious orders of prescription opioids and/or
 24 diversion into the illicit market. At the same time, the Distributor Defendants misrepresented the
 25 effectiveness of their monitoring programs, their ability to detect suspicious orders, their
 26

1 commitment to preventing diversion of prescription opioids, and their compliance with
 2 regulations regarding the identification and reporting of suspicious orders of prescription opioids.

3 476. The mail and wire transmissions described herein were made in furtherance of
 4 Defendants' Schemes and common course of conduct designed to sell drugs that have little or no
 5 demonstrated efficacy for the pain they are purported to treat in the majority of persons
 6 prescribed them; increase the prescription rate for opioid medications; and popularize the
 7 misunderstanding that the risk of addiction to prescription opioids is low when used to treat
 8 chronic pain, and to deceive regulators and the public regarding Defendants' compliance with
 9 their obligations to identify and report suspicious orders of prescription opioids, while
 10 Defendants intentionally enabled millions of prescription opioids to be deposited into
 11 communities across the United States, including in Whitman County. Defendants' scheme and
 12 common course of conduct was intended to increase or maintain high quotas for the manufacture
 13 and distribution of prescription opioids and their corresponding high profits for all Defendants.

14 477. Many of the precise dates of the fraudulent uses of the U.S. mail and interstate
 15 wire facilities have been deliberately hidden, and cannot be alleged without access to
 16 Defendants' books and records. However, Plaintiff has described the types of predicate acts of
 17 mail and/or wire fraud, including certain specific fraudulent statements and specific dates upon
 18 which, through the mail and wires, Defendants engaged in fraudulent activity in furtherance of
 19 the Schemes.

20 478. The members of the Enterprises have not undertaken the practices described
 21 herein in isolation, but as part of a common scheme and conspiracy. In violation of 18 U.S.C. §
 22 1962(d), the members of the Enterprises conspired to violate 18 U.S.C. § 1962(c), as described
 23 herein. Various other persons, firms, and corporations, including third-party entities and
 24 individuals not named as defendants in this Complaint, have participated as co-conspirators with
 25 Defendants and the members of the Enterprises in these offenses and have performed acts in
 26 furtherance of the conspiracy to increase or maintain revenue, increase market share, and/or

1 minimize losses for the Defendants and their named and unnamed co-conspirators throughout the
 2 illegal scheme and common course of conduct.

3 479. The members of the Enterprises aided and abetted others in the violations of the
 4 above laws.

5 480. To achieve their common goals, the members of the Enterprises hid from Plaintiff
 6 and the public: (1) the fraudulent nature of the Manufacturing Defendants' marketing scheme;
 7 (2) the fraudulent nature of statements made by Defendants and on behalf of Defendants
 8 regarding the efficacy of and risk of addiction associated with prescription opioids; (3) the
 9 fraudulent nature of the Distributor Defendants' representations regarding their compliance with
 10 requirements to maintain effective controls against diversion and report suspicious orders of
 11 opioids; and (4) the true nature of the relationship between the members of the Enterprises.

12 481. Defendants and each member of the Enterprises, with knowledge and intent,
 13 agreed to the overall objectives of the Schemes and participated in the common course of
 14 conduct. Indeed, for the conspiracy to succeed, each of the members of the Enterprises and their
 15 co-conspirators had to agree to conceal their fraudulent scheme.

16 482. The members of the Enterprises knew, and intended that, Plaintiff and the public
 17 would rely on the material misrepresentations and omissions made by them and suffer damages
 18 as a result.

19 483. As described herein, the members of the Enterprises engaged in a pattern of
 20 related and continuous predicate acts for years. The predicate acts constituted a variety of
 21 unlawful activities, each conducted with the common purpose of obtaining significant monies
 22 and revenues from Plaintiff and the public based on their misrepresentations and omissions.

23 484. The predicate acts also had the same or similar results, participants, victims, and
 24 methods of commission.

25 485. The predicate acts were related and not isolated events.

486. The true purposes of Defendants' Schemes were necessarily revealed to each member of the Enterprises. Nevertheless, the members of the Enterprises continued to disseminate misrepresentations regarding the nature of prescription opioids and the functioning of the Schemes.

487. Defendants' fraudulent concealment was material to Plaintiff and the public. Had the members of the Enterprises disclosed the true nature of prescription opioids and their excessive distribution, Whitman County would not have acted as it did or incurred the substantial costs in responding to the opioid epidemic caused by Defendants' conduct.

488. The pattern of racketeering activity described above is currently ongoing and open-ended, and threatens to continue indefinitely unless this Court enjoins the racketeering activity.

D. Whitman County Has Been Damaged by Defendants' RICO Violations

489. By reason of, and as a result of the conduct of the Enterprises and, in particular, their patterns of racketeering activity, Whitman County has been injured in its business and/or property in multiple ways, including but not limited to increased health care costs, increased human services costs, costs related to dealing with opioid-related crimes and emergencies, and other public safety costs, as fully described above.

490. Defendants' violations of 18 U.S.C. § 1962(c) and (d) have directly and proximately caused injuries and damages to Whitman County, its community, and the public, and the County is entitled to bring this action for three times its actual damages, as well as injunctive/equitable relief, costs, and reasonable attorney's fees pursuant to 18 U.S.C. § 1964(c).

PRAYER FOR RELIEF

WHEREFORE, Plaintiff Whitman County respectfully requests the Court order the following relief:

A. An Order that the conduct alleged herein violates the Washington CPA;

**COMPLAINT- 126
(2:18-cv-00252)**

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1 B. An Order that Plaintiff is entitled to treble damages pursuant to the Washington
2 CPA;

3 C. An Order that the conduct alleged herein constitutes a public nuisance, including
4 under RCW 7.48 *et seq.*, and under Washington law;

5 D. An Order that Defendants abate the public nuisance that they caused;

6 E. An Order that Defendants are liable for civil and statutory penalties to the fullest
7 extent permissible under Washington law for the public nuisance they caused;

8 F. An Order that Defendants are negligent under Washington law;

9 G. An Order that Defendants are grossly negligent under Washington law;

10 H. An Order that Defendants have been unjustly enriched at Plaintiff's expense
11 under Washington law;

12 I. An Order that Defendants' conduct constitutes violations of the Racketeer
13 Influenced and Corrupt Organizations Act ("RICO"), 18 U.S.C. §1961, *et seq.*;

14 J. An Order that Plaintiff is entitled to recover all measure of damages permissible
15 under the statutes identified herein and under common law;

16 K. An Order that Defendants are enjoined from the practices described herein;

17 L. An Order that judgment be entered against Defendants in favor of Plaintiff;

18 M. An Order that Plaintiff is entitled to attorneys' fees and costs pursuant to any
19 applicable provision of law, including but not limited to under the Washington CPA; and

20 N. An Order awarding any other and further relief deemed just and proper, including
21 pre-judgment and post-judgment interest on the above amounts.

JURY TRIAL DEMAND

Plaintiff demands a trial by jury on all claims and of all issues so triable.

DATED this 9th day of August, 2018.

WHITMAN COUNTY

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